

**EPA REGISTRATION NUMBER 524-330 – VOLUME 2**



MONSANTO COMPANY

600 13TH STREET, N.W.

SUITE 660

WASHINGTON, D.C. 20005

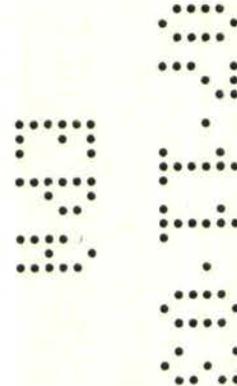
<http://www.monsanto.com>

July 7, 2003

Document Processing Center  
Office of Pesticide Programs (7504C)  
U. S. Environmental Protection Agency  
Room 266A, Crystal Mall #2  
1921 Jefferson Davis Highway  
Arlington, VA 22202-4501

Attention: Mr. James A. Tompkins  
Team Leader (25)

**Subject: Shackle Herbicide (EPA Reg. No. 524-330)  
First Aid Compliance with PR Notice 2001-1**



Dear Mr. Tompkins:

Monsanto has begun a project to ensure that all of our product labels are compliant with the First Aid formatting specified in PRN 2001-1. For the product mentioned above, and all of the alternate brand names on this registration, all of the acute toxicology studies have been evaluated as Category IV, so that no first aid is required on product labels, and the presently approved label does not contain First Aid statements.

This letter will serve as a record for the file that the label has been inspected, and it has been determined that no changes are required for compliance with PR Notice 2001-1.

If you have any questions on this matter please feel free to contact me through Dr. Marsha C. Gray (202-383-2878) or by direct phone (314-694-1582), fax (314-694-4028), or electronic mail at [stephen.j.wratten@monsanto.com](mailto:stephen.j.wratten@monsanto.com).

Sincerely,

Stephen J. Wratten  
Manager, Registrations

cc: M. C. Gray  
Shackle First Aid.doc

32 A 4.3

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060



United States  
Environmental Protection Agency  
Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number  
295585

Application for Pesticide - Section I

1. Company/Product Number Monsanto / 524-330	2. EPA Product Manager Mr. James Tompkins	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Shackle Herbicide	PM# 25	
5. Name and Address of Applicant (Include ZIP Code) Monsanto Company 600 13th Street, N.W., Suite 660 Washington, DC 20005 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input checked="" type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Update Distributor Supplemental Brands

Section - III

Material This Product Will Be Packaged In:			
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must submitted	If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container	4. Size(s) Retail Container	5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____	

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Dr. Marsha Gray	Title Registration Manager	Telephone No. (Include Area Code) (202) 783-2460
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment both under applicable law.		6. Date Application Received (Stamped) 
2. Signature 	3. Title Manager, Registrations	
Typed Name Stephen J. Wratten, Ph.D.	5. Date June 26, 2003	

## PAPERWORK REDUCTION ACT NOTICE and INSTRUCTIONS

**PAPERWORK REDUCTION ACT NOTICE:** Public reporting burden for this collection of information is estimated to average 0.85 hour per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Chief, Information Policy Branch, (2136), U.S. Environmental Protection Agency, 401 M Street, SW, Washington, DC 20460.

**INSTRUCTIONS:** This form is to be used for all applications for new registration, end use reregistration, amendment, resubmission, to applications for notifications, final printed labeling, reregistration, etc. In order to process an application for a new registration submitted on this form, the following material must accompany the application:

1. Certification with Respect to Citation of Data (EPA Form 8570-29). [If not exempted by 40 CFR 152.81 (b) (4)];
2. Confidential Statement of Formula (EPA Form 8570-4);
3. Formulator's Exemption Statement (EPA Form 8570-27);
4. Five copies of draft labeling;
5. Three copies of any data submitted;
6. Authorization letter where applicable;
7. Matrices where applicable.

**Submission of Labeling** - Labeling should first be submitted in the form of draft labels with all applications for new registration. Such draft labels may be in the form of typed label text on 8.5 x 11 inch paper for submission or a mockup of the proposed label. If prepared for mockup, it should be constructed in a way as to facilitate storage in an 8.5 x 11 inch file. Mockup labels significantly smaller than 8.5 x 11 inches should be mounted on 8.5 x 11 inch paper for submission.

**Submission of Data** - Data submitted in support of this application must be submitted in accordance with PR Notice 86-5.

**SPECIFIC INSTRUCTIONS:** Please read the instructions listed below before completing this application. First determine the type of registration action, listed in Block A, for which you are submitting this application. For applications submitted in connection with New Registration actions, Sections I, III, and IV must be completed by the applicant. For applications submitted in connection with amended reregistration actions, resubmissions, notifications, reregistrations, etc., Sections I, II, and IV must be completed by the applicant.

**Block A** - Check the appropriate action for which you are submitting this form.

**SECTION I** - This section must be completed, as applicable, for all registration actions.

1. **Company/Product Number** - Insert your Company Number, if one has been assigned by EPA. This number may have been assigned to you as a basic registrant, a distributor, or as an establishment. If your product is registered, insert the Product Number.
2. **EPA Product Manager** - If known, fill in the name and PM number of the EPA Product Manager.
3. **Proposed Classification** - Specify the proposed classification of this product.
4. **Product Name** - Enter the complete product name of this pesticide as it will appear on the label. The name must be specific to this product only. Duplication of names is not permitted among products of the same company. Do not include any brand name or company line designations.
5. **Name and Address of Applicant** - The name of the firm or person and address shown in your application is the person or firm to whom the registration will be issued. If you are acting in behalf of another party, you must submit authorization from that party to act for them in registration matters. An applicant not residing in the United States must have an authorized agent residing in the United States to act for them in all registration matters. The name and complete mailing address of such an agent must accompany this application.
6. **Expedited Review** - FIFRA section 3 (c) 3 (B) provides for expedited review of applications for registration, or amendments to existing registrations, that are similar or identical to other pesticide products that are currently registered with the EPA. In order for your application to be eligible for expedited review, you must provide us with the EPA Registration Number and product name of the product you believe is similar to or identical to your product. The product must be similar or identical in both formulation and labeled uses.

**SECTION II** - This section must be completed for all applications submitted to amend the registration only of a currently registered product (Amendment), for a resubmission in response to an Agency letter, for notifications to the Agency, for the submission of final printed labeling, for reregistration and for any other action that pertains to a specific EPA-registered product. This section is not to be used for a new application for registration.

1. **Subject of submission** - Check the applicable block and provide the Agency letter date if appropriate. Provide a brief explanation of the purpose(s) for the submission, such as "the addition of a site, pest or crop (specify)"; "amend the Confidential Statement of Formula by..."; "reregistration submission"; "general label revision of use directions." Attach a separate page if additional space is needed.

**SECTION III (Packaging and Container Information)** - This Section must be completed for all applications submitted in connection with new registration or applicable amendments.

1. **Type of Packaging** - Check the appropriate block if your product will be packaged in the indicated packaging types. Indicate the size of the individual packets and number per retail container.
2. **Type of Retail Container** - Indicate type of container in which product will be marketed.
3. **Location of Net Contents** - Indicate the location of the net contents information for your product.
4. **Size(s) of Retail Container** - Specify the net contents of all retail containers for your product.
5. **Location of Use Directions** - Indicate the location of the use directions for your product.
6. **Manner in which label is affixed to product** - Indicate the method product label is attached to retail container.

**SECTION IV (Contact Point)** - This Section must be completed for all applications for Registration actions, i.e., new products registration, resubmission, "me-too," reregistration, etc.

- 1-5. Self-explanatory.
6. EPA Use Only.



MONSANTO COMPANY  
 600 13TH STREET, N.W.  
 SUITE 600  
 WASHINGTON, D.C. 20005  
<http://www.monsanto.com>

August 27, 2002

Document Processing Center (AMEND)  
 Office of Pesticide Programs (7504C)  
 U. S. Environmental Protection Agency  
 Room 266A, Crystal Mall #2  
 1921 Jefferson Davis Highway  
 Arlington, VA 22202-4501

Attention: Mr. James A. Tompkins  
 Team Leader (25)

**Subject: Update Distributor Supplemental Brands  
 EPA Reg. No. 524-330**

Dear Mr. Tompkins:

As you know, the 524-330 registration has a long list of sub-registration brand names. Monsanto maintains the "Jan/San II Herbicide" label as a template from which the other distributor brand labels can be created for use in various industrial weed control situations. We have initiated an audit of the present active brand names and distributor relationships, seeking to delete unnecessary product names and ensure that up-to-date labels are being utilized on the active products.

Toward that end, we would like to delete the following sub-registration brand names that are no longer needed:

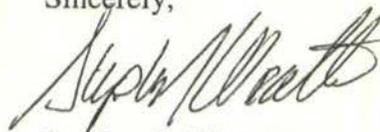
Name	Number	Company
Kem-Til RTU	524-330-5197	Systems General
Striker RTU	524-330-6962	Madison Bionics
HNS-200	524-330-66114	DM Resources
Trailblazer RTU	524-330-1769	NCH Corp.
Quick Claim RTU	524-330-1769	NCH Corp.
Bareback RTU	524-330-1769	NCH Corp.
Hoedown RTU	524-330-1769	NCH Corp.

In addition, we have verified that the following name on this registration continues to be utilized: Opti-Gro Trailblazer RTU (524-330-66114). The brand name listed in NPIRS is incorrect: Jan / San II Herbicide 524-330-66114. Apparently this was mis-entered, since Jan / San II is Monsanto's alternate brand name for the base registration. We request that this

be corrected to read: **Opti-Gro Trailblazer RTU (524-330-66114)**. We will continue to work toward a refined and updated listing of the remaining distributor names.

If you have any questions on this matter please feel free to contact me through Dr. Marsha C. Gray (202-783-2878) or by direct phone (314-694-1582), fax (314-694-4028), or electronic mail at [stephen.j.wratten@monsanto.com](mailto:stephen.j.wratten@monsanto.com).

Sincerely,



Stephen J. Wratten  
Manager, Registrations

cc: M. C. Gray  
524-330 Update.doc

524330



MONSANTO COMPANY  
 600 13TH STREET, N.W.  
 SUITE 600  
 WASHINGTON, D.C. 20005  
<http://www.monsanto.com>

June 26, 2003

Document Processing Center (AMEND)  
 Office of Pesticide Programs (7504C)  
 U. S. Environmental Protection Agency  
 Room 266A, Crystal Mall #2  
 1921 Jefferson Davis Highway  
 Arlington, VA 22202-4501

Attention: Mr. James A. Tompkins  
 Team Leader (25)

**Subject: Update Distributor Supplemental Brands  
 EPA Reg. No. 524-330**

Dear Mr. Tompkins:

As you know, the 524-330 registration has a long list of Distributor Supplemental ("sub-registration") brand names for industrial uses. Monsanto maintains the "Jan/San II Herbicide" label as a template from which authorized distributor brand labels can be created and registered. In a letter dated 27-Aug-2002, I informed you of some changes that we desired to make: to delete from this registration seven distributor brands that are no longer needed, based on an audit we had undertaken. The present letter requests deletion of an additional twelve distributor brands that we will no longer support.

I note that when I searched NPIRS for 524-330 Distributor brands on 24-June-2003, I found that many of those that I asked to have deleted on 27-Aug-2002 are still listed there as active distributors. Monsanto is no longer reviewing, initiating updates, or approving labeling connected to those discontinued brands. We believe that when such brands appear to still be viable on the EPA's official list, it can lead to unauthorized production or misbranding. We again request that they be deleted, and I attach a copy of my 27-Aug-2002 letter for details.

The following Distributor Supplemental registrations are presently listed as "active distributors" for the 524-330 registration, and Monsanto now requests that they be deleted in addition to those from 27-Aug-2002:.

Name	Number	Company
Green Death	524-330-11547	Share Corporation
T-39*	524-330-39412	Team Lab. Chem.
Liquidator*	524-330-8123	Frank Miller & Sons

Trample	524-330-40208	Drummond American
Burnout	524-330-11861	Pro Chem
Gone-2	524-330-5664	Cantol
Misty Glypho Kill RTU	524-330-10807	Amrep Inc.
Contact Herbicide #3	524-330-10088	Athea Labs
Zap-It	524-330-68562	Total Solutions
Weed-Out	524-330-14075	Correlated Products
Remuda	524-330-44446	Quest Chemical
Quickdraw RTU	524-330-70799	State Industrial

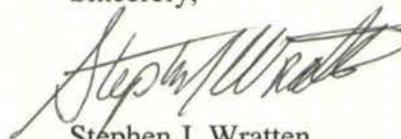
\* Two Entries in NPIRS

One brand name listed in NPIRS is incorrect: Jan / San II Herbicide (listed as 524-330-66114) was apparently mis-entered, since Jan / San II is Monsanto's alternate brand name for this registration; the extension "66114" should be deleted.

We will continue to work toward a refined and updated listing of the remaining distributor names.

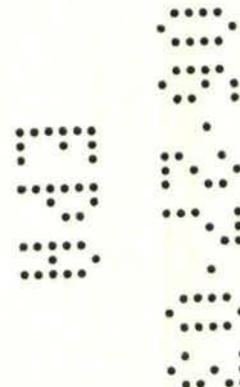
If you have any questions on this matter please feel free to contact me through Dr. Marsha C. Gray (202-783-2878) or by direct phone (314-694-1582), fax (314-694-4028), or electronic mail at [stephen.j.wratten@monsanto.com](mailto:stephen.j.wratten@monsanto.com).

Sincerely,



Stephen J. Wratten  
Manager, Registrations

cc: M. C. Gray  
524-330 Update Names II.doc





United States  
Environmental Protection Agency  
Office of Pesticide Programs (7505C)  
Washington, DC 20480

286885  
32A4-3

Notice of Supplemental Distribution of a Registered Pesticide Product

Instructions

After a registrant has obtained final registration for the basic product, the registrant may then supplementally distribute his/her product. One form must be submitted for each distributor product and must be signed by the distributor involved. The basic registration number and the distributor company number must be shown.

If a registrant has a potential distributor who does not have a company number assigned, she/he should have the distributor apply, on letterhead stationery, to the Registration Division to have a number assigned prior to submitting this form to the agency.

This Notice of Supplemental Distribution must be submitted by the basic registrant. The completed form must have the concurrence and signature of both the registrant and the distributor.

EPA Registration Number of Product

9 524-330 1

Distributor Company Number

66114

Note: Do not submit distributor product labels

Name of Registered Product (basic product name accepted by EPA)

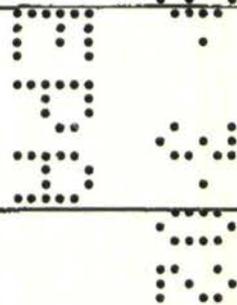
Jan/San II Herbicide

Distributor Product Name

Opti-Gro Trail Blazer RTU

Name and Address of Distributor (Type; include ZIP code)

DM Resources, Inc.  
P.O. Box 152170  
Irving, TX 75015-2170



Read All Conditions Before Signing

1. The distributor product must have the same composition as the basic product.
2. The distributor product must be manufactured and packaged by the same person who manufactures and packages the registered basic product.
3. The labeling for the distributor product must bear the same claims as the basic product, provided, however, that specific claims may be deleted if by doing so, no other changes to the label are necessary.
4. The product must remain in the manufacturer's unbroken container.
5. The label must bear the EPA registration number of the basic product, followed by a hyphen and the distributor's company number.
6. Distributor product labels must bear the name and address of the distributor qualified by such terms as "packed for...", "distributed by..."; or "sold by..." to show that the name is not that of the manufacturer.
7. All conditions of the basic registration apply equally to distributor products. It is the responsibility of the basic registrant to see that all distributor labeling is kept in compliance with requirements placed on the basic product.

Distributor

We intend to market our product under the Distributor Product Name specified above, subject to the conditions specified on this Notice.

Signature and Title of Distributor

*Lucretia Boyer*

Regulatory Specialist

Date

August 28, 2002

Registrant

I agree that the distributor named above may distribute and sell the Distributor Product specified above, subject to the conditions specified on this Notice.

Signature and Title of Registrant

*Stephen J. Watten* Stephen J. Watten

Date

28 Aug 2002

9.3.2002

32A4-3



United States  
Environmental Protection Agency

248003

Office of Pesticide Programs (7505C)  
Washington, DC 20460

Notice of Supplemental Distribution of a Registered Pesticide Product

Instructions

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If a registrant has a potential distributor who does not have a company number assigned, she/he should have the distributor apply, on letterhead stationery, to the Registration Division to have a number assigned prior to submitting this form to the agency.

This Notice of Supplemental Distribution must be submitted by the basic registrant. The completed form must have the concurrence and signature of both the registrant and the distributor.

EPA Registration Number of Product

9 524-330 |

Distributor Company Number

270799

Note: Do not submit distributor product labels

Name of Registered Product (basic product name accepted by EPA)

AN/SAN II

Distributor Product Name

QUICKDRAW READY-TO-USE HERBICIDE

Name and Address of Distributor (Type; include ZIP code)

STATE INDUSTRIAL PRODUCTS  
3100 HAMILTON AVENUE  
CLEVELAND, OHIO 44114

Read All Conditions Before Signing

1. The distributor product must have the same composition as the basic product.
2. The distributor product must be manufactured and packaged by the same person who manufactures and packages the registered basic product.
3. The labeling for the distributor product must bear the same claims as the basic product, provided, however, that specific claims may be deleted if by doing so, no other changes to the label are necessary.
4. The product must remain in the manufacturer's unbroken container.
5. The label must bear the EPA registration number of the basic product, followed by a hyphen and the distributor's company number.
6. Distributor product labels must bear the name and address of the distributor qualified by such terms as "packed for...", "distributed by..."; or "sold by..." to show that the name is not that of the manufacturer.
7. All conditions of the basic registration apply equally to distributor products. It is the responsibility of the basic registrant to see that all distributor labeling is kept in compliance with requirements placed on the basic product.

Distributor

We intend to market our product under the Distributor Product Name specified above, subject to the conditions specified on this Notice.

Signature and Title of Distributor

*Peter D. Smith* MGR. REG. AFFAIRS

Date

5-2-00

Registrant

I agree that the distributor named above may distribute and sell the Distributor Product specified above, subject to the conditions specified on this Notice.

Signature and Title of Registrant

*Sign/Mark* Manager, Registration

Date

15 May 00

Paperwork Reduction Act Notice

The annual respondent burden for the Notice of Supplemental Distribution of a Registered Pesticide Product is estimated to average 15 minutes per response, including time for reviewing the instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the information. Send comments regarding this burden, to Director, Regulatory Information Division, 2137, U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460; and to Paperwork Reduction Project (OMB No. 2070-0044), Office of Management and Budget, Washington, DC 20503, Marked "Attention Desk Officer for EPA.

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United States Environmental Protection Agency  
Office of Pesticide Programs (H7505C)  
401 M Street SW  
Washington, DC 20460

**Notice of Supplemental Distribution of a Registered Pesticide Product**

**Instructions**

After a registrant has obtained final registration for the basic product, the registrant may then supplementally distribute his/her product. One form must be submitted for each distributor product and must be signed by the distributor involved. The basic registration number and the distributor company number must be shown.

If a registrant has a potential distributor who does not have a company number assigned, she/he should have the distributor apply, on letterhead stationary, to the Registration Division to have a number assigned prior to submitting this form to the agency.

This Notice of Supplemental Distribution must be submitted by the basic registrant. The completed form must have the concurrence and signature of both the registrant and the distributor.

EPA Registration Number of Product 9 524-330 1 54-6-3-3	Distributor Company Number 14075 6
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**Note: Do not submit distributor product labels**

Name of Registered Product (basic product name accepted by EPA) JAN/SAN II	Distributor Product Name Weed-Out
---	--------------------------------------

Name and Address of Distributor (Type; include ZIP code)

Correlated Products, Inc.  
P.O. Box 42387  
Indianapolis, IN 46242-0387

**Read All Conditions Before Signing**

1. The distributor product must have the same composition as the basic product.
2. The distributor product must be manufactured and packaged by the same person who manufactures and packages the registered basic product.
3. The labeling for the distributor product must bear the same claims as the basic product, provided, however, that specific claims may be deleted if by doing so, no other changes to the label are necessary.
4. The product must remain in the manufacturer's unbroken container.
5. The label must bear the EPA registration number of the basic product, followed by a hyphen and the distributor's company number.
6. Distributor product labels must bear the name and address of the distributor qualified by such terms as "packed for...", "distributed by..."; or sold by..." to show that the name is not that of the manufacturer.
7. All conditions of the basic registration apply equally to distributor products. It is the responsibility of the basic registrant to see that all distributor labeling is kept in compliance with requirements placed on the basic product.

**Distributor**

We intend to market our product under the Distributor Product Name specified above, subject to the conditions specified on this Notice.

Signature and Title of Distributor

*Robert F. Curt*      *Dir. Renewal*

Date

*3/24/95*

**Registrant**

I agree that the distributor named above may distribute and sell the Distributor Product specified above, subject to the conditions specified on this Notice.

Signature and Title of Registrant

*Stephen J. Wratten*      *Manager, Registrations*

Date

*4/8/95*

2

3

238824

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34-B-33



United States Environmental Protection Agency  
Office of Pesticide Programs (H7505C)  
401 M Street SW  
Washington, DC 20460

Notice of Supplemental Distribution of a Registered Pesticide Product

Instructions

After a registrant has obtained final registration for the basic product, the registrant may then supplementally distribute his/her product. One form must be submitted for each distributor product and must be signed by the distributor involved. The basic registration number and the distributor company number must be shown.

If a registrant has a potential distributor who does not have a company number assigned, she/he should have the distributor apply, on letterhead stationary, to the Registration Division to have a number assigned prior to submitting this form to the agency.

This Notice of Supplemental Distribution must be submitted by the basic registrant. The completed form must have the concurrence and signature of both the registrant and the distributor.

EPA Registration Number of Product 9524-330	Distributor Company Number 711547
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Note: Do not submit distributor product labels

Name of Registered Product (basic product name accepted by EPA) JAN SAN II	Distributor Product Name GREEN DEATH
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Name and Address of Distributor (Type; include ZIP code) SHARE CORPORATION P.O. BOX 23053 MILWAUKEE, WI 53223
--

Read All Conditions Before Signing

1. The distributor product must have the same composition as the basic product.
2. The distributor product must be manufactured and packaged by the same person who manufactures and packages the registered basic product.
3. The labeling for the distributor product must bear the same claims as the basic product, provided, however, that specific claims may be deleted if by doing so, no other changes to the label are necessary.
4. The product must remain in the manufacturer's unbroken container.
5. The label must bear the EPA registration number of the basic product, followed by a hyphen and the distributor's company number.
6. Distributor product labels must bear the name and address of the distributor qualified by such terms as "packed for...", "distributed by..."; or sold by..." to show that the name is not that of the manufacturer.
7. All conditions of the basic registration apply equally to distributor products. It is the responsibility of the basic registrant to see that all distributor labeling is kept in compliance with requirements placed on the basic product.

Distributor

We intend to market our product under the Distributor Product Name specified above, subject to the conditions specified on this Notice.

Signature and Title of Distributor <i>[Signature]</i> Regulatory Compliance Spec.	Date 12/16/97
--	------------------

Registrant

I agree that the distributor named above may distribute and sell the Distributor Product specified above, subject to the conditions specified on this Notice.

Signature and Title of Registrant <i>[Signature]</i> Stephen J. Wratten Manager, Registrations	Date 12/31/97
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**Paperwork Reduction Act Notice**

The annual respondent burden for the Notice of Supplemental Distribution of a Registered Pesticide Product is estimated to average 15 minutes per response, including time for reviewing the instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the information. Send comments regarding this burden, to chief, Information Policy Branch, PM 223, U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460; and to Paperwork Reduction Project (OMB No. 2070-0044), Office of Management and Budget, Washington, DC 20503, Marked "Attention Desk Officer for EPA."

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238823

34-B-3-3



United States Environmental Protection Agency  
Office of Pesticide Programs (H7505C)  
401 M Street SW  
Washington, DC 20460

Notice of Supplemental Distribution of a Registered Pesticide Product

Instructions

After a registrant has obtained final registration for the basic product, the registrant may then supplementally distribute his/her product. One form must be submitted for each distributor product and must be signed by the distributor involved. The basic registration number and the distributor company number must be shown.

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EPA Registration Number of Product 9 524-330 1	Distributor Company Number 3 10088
---	---------------------------------------

Note: Do not submit distributor product labels

Name of Registered Product (basic product name accepted by EPA) JAN SAN II	Distributor Product Name CONTACT HERBICIDE #3
---	--

Name and Address of Distributor (Type; include ZIP code) Athea Laboratories Inc. P.O. Box 23926 Milwaukee, WI 53223	
--	--

Read All Conditions Before Signing

1. The distributor product must have the same composition as the basic product.
2. The distributor product must be manufactured and packaged by the same person who manufactures and packages the registered basic product.
3. The labeling for the distributor product must bear the same claims as the basic product, provided, however, that specific claims may be deleted if by doing so, no other changes to the label are necessary.
4. The product must remain in the manufacturer's unbroken container.
5. The label must bear the EPA registration number of the basic product, followed by a hyphen and the distributor's company number.
6. Distributor product labels must bear the name and address of the distributor qualified by such terms as "packed for...", "distributed by..."; or sold by..." to show that the name is not that of the manufacturer.
7. All conditions of the basic registration apply equally to distributor products. It is the responsibility of the basic registrant to see that all distributor labeling is kept in compliance with requirements placed on the basic product.

Distributor

We intend to market our product under the Distributor Product Name specified above, subject to the conditions specified on this Notice.

Signature and Title of Distributor <i>[Signature]</i> / Regulatory Compliance Spec.	Date 12/16/97
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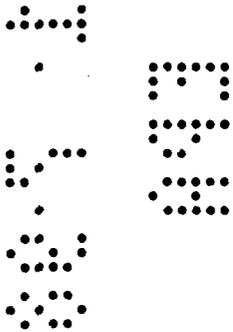
Registrant

I agree that the distributor named above may distribute and sell the Distributor Product specified above, subject to the conditions specified on this Notice.

Signature and Title of Registrant <i>[Signature]</i> Stephen J. Wratten Manager Registrations	Date 12/31/97
--	------------------

**Paperwork Reduction Act Notice**

The annual respondent burden for the Notice of Supplemental Distribution of a Registered Pesticide Product is estimated to average 15 minutes per response, including time for reviewing the instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the information. Send comments regarding this burden, to chief, Information Policy Branch, PM 223, U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460; and to Paperwork Reduction Project (OMB No. 2070-0044), Office of Management and Budget, Washington, DC 20503, Marked "Attention Desk Officer for EPA."



238822

34-B-33



United States Environmental Protection Agency  
Office of Pesticide Programs (H7505C)  
401 M Street SW  
Washington, DC 20460

Notice of Supplemental Distribution of a Registered Pesticide Product

Instructions

After a registrant has obtained final registration for the basic product, the registrant may then supplementally distribute his/her product. One form must be submitted for each distributor product and must be signed by the distributor involved. The basic registration number and the distributor company number must be shown.

If a registrant has a potential distributor who does not have a company number assigned, she/he should have the distributor apply, on letterhead stationary, to the Registration Division to have a number assigned prior to submitting this form to the agency.

This Notice of Supplemental Distribution must be submitted by the basic registrant. The completed form must have the concurrence and signature of both the registrant and the distributor.

EPA Registration Number of Product 9 524-330 1	Distributor Company Number 8 68562
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Note: Do not submit distributor product labels

Name of Registered Product (basic product name accepted by EPA) JAN SAN II	Distributor Product Name ZAP-IT
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Name and Address of Distributor (Type; include ZIP code) TOTAL SOLUTIONS 7855 NORTH FAULKNER ROAD MILWAUKEE, WI 53223	
--	--

Read All Conditions Before Signing

1. The distributor product must have the same composition as the basic product.
2. The distributor product must be manufactured and packaged by the same person who manufactures and packages the registered basic product.
3. The labeling for the distributor product must bear the same claims as the basic product, provided, however, that specific claims may be deleted if by doing so, no other changes to the label are necessary.
4. The product must remain in the manufacturer's unbroken container.
5. The label must bear the EPA registration number of the basic product, followed by a hyphen and the distributor's company number.
6. Distributor product labels must bear the name and address of the distributor qualified by such terms as "packed for...", "distributed by..."; or sold by..." to show that the name is not that of the manufacturer.
7. All conditions of the basic registration apply equally to distributor products. It is the responsibility of the basic registrant to see that all distributor labeling is kept in compliance with requirements placed on the basic product.

Distributor

We intend to market our product under the Distributor Product Name specified above, subject to the conditions specified on this Notice.

Signature and Title of Distributor <i>[Signature]</i> / Regulatory Compliance Spec.	Date 12/16/97
--	------------------

Registrant

I agree that the distributor named above may distribute and sell the Distributor Product specified above, subject to the conditions specified on this Notice.

Signature and Title of Registrant <i>[Signature]</i> Stephen J. Wratten Manager Registrations	Date 12/31/97
--	------------------

1.2.98

Paperwork Reduction Act Notice

The annual respondent burden for the Notice of Supplemental Distribution of a Registered Pesticide Product is estimated to average 15 minutes per response, including time for reviewing the instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the information. Send comments regarding this burden, to chief, Information Policy Branch, PM 223, U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460; and to Paperwork Reduction Project (OMB No. 2070-0044), Office of Management and Budget, Washington, DC 20503, Marked "Attention Desk Officer for EPA."

15

United States

239812



Environmental Protection Agency

Office of Pesticide Programs (7505C)  
Washington, DC 20460

Notice of Supplemental Distribution of a Registered Pesticide Product

Instructions

After a registrant has obtained final registration for the basic product, the registrant may then supplementally distribute his/her product. One form must be submitted for each distributor product and must be signed by the distributor involved. The basic registration number and the distributor company number must be shown.

If a registrant has a potential distributor who does not have a company number assigned, she/he should have the distributor apply, on letterhead stationery, to the Registration Division to have a number assigned prior to submitting this form to the agency.

This Notice of Supplemental Distribution must be submitted by the basic registrant. The completed form must have the concurrence and signature of both the registrant and the distributor.

EPA Registration Number of Product

Distributor Company Number

9 524-330

012140

Note: Do not submit distributor product labels

Name of Registered Product (basic product name accepted by EPA)

Distributor Product Name

Roundup L & G Ready To Use Grass & Weed Killer

Green Thumb Systemic Weed & Grass Killer

Name and Address of Distributor (Type; include ZIP code)

TruServ Corp.  
8600 W. Bryn Mawr Ave.  
Chicago, IL 60631-3505

Read All Conditions Before Signing

1. The distributor product must have the same composition as the basic product.
2. The distributor product must be manufactured and packaged by the same person who manufactures and packages the registered basic product.
3. The labeling for the distributor product must bear the same claims as the basic product, provided, however, that specific claims may be deleted if by doing so, no other changes to the label are necessary. The product must remain in the manufacturer's unbroken container.
5. The label must bear the EPA registration number of the basic product, followed by a hyphen and the distributor's company number.
6. Distributor product labels must bear the name and address of the distributor qualified by such terms as "packed for...", "distributed by..."; or "sold by..." to show that the name is not that of the manufacturer.
7. All conditions of the basic registration apply equally to distributor products. It is the responsibility of the basic registrant to see that all distributor labeling is kept in compliance with requirements placed on the basic product.

Distributor

We intend to market our product under the Distributor Product Name specified above, subject to the conditions specified on this Notice.

Signature and Title of Distributor

Date

*[Signature]* Merchandise Manager

1/21/98

Registrant

I agree that the distributor named above may distribute and sell the Distributor Product specified above, subject to the conditions specified on this Notice.

Signature and Title of Registrant

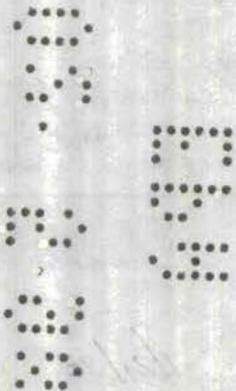
Date

*[Signature]* Stephen A. Connor

2-4-98

Paperwork Reduction Act Notice

The annual respondent burden for the Notice of Supplemental Distribution of a Registered Pesticide Product is estimated to average 15 minutes per response, including time for reviewing the instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the information. Send comments regarding this burden, to Chief, Information Policy Branch, 2136, U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460; and to Paperwork Reduction Project (OMB No. 2070-0044), Office of Management and Budget, Washington, DC 20503, Marked "Attention Desk Officer for EPA."



220512



United States Environmental Protection Agency  
Office of Pesticide Programs (H7505C)  
401 M Street SW  
Washington, DC 20460

**Notice of Supplemental Distribution of a Registered Pesticide Product**

**Instructions**

After a registrant has obtained final registration for the basic product, the registrant may then supplementally distribute his/her product. One form must be submitted for each distributor product and must be signed by the distributor involved. The basic registration number and the distributor company number must be shown.

If a registrant has a potential distributor who does not have a company number assigned, she/he should have the distributor apply, on letterhead stationary, to the Registration Division to have a number assigned prior to submitting this form to the agency.

This Notice of Supplemental Distribution must be submitted by the basic registrant. The completed form must have the concurrence and signature of both the registrant and the distributor.

EPA Registration Number of Product 9 524-330 3413/313	Distributor Company Number 6 59144
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**Note: Do not submit distributor product labels**

Name of Registered Product (basic product name accepted by EPA) Roundup L&G Ready-to-use Grass & Weed Killer	Distributor Product Name Knock Out Green Charm Ready-To-Use Systemic Weed & Grass Killer
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Name and Address of Distributor (Type; include ZIP code)

Gro Tec, Inc.  
P.O. Box 290  
Madison, GA 30650

**Read All Conditions Before Signing**

1. The distributor product must have the same composition as the basic product.
2. The distributor product must be manufactured and packaged by the same person who manufactures and packages the registered basic product.
3. The labeling for the distributor product must bear the same claims as the basic product, provided, however, that specific claims may be deleted if by doing so, no other changes to the label are necessary.
4. The product must remain in the manufacturer's unbroken container.
5. The label must bear the EPA registration number of the basic product, followed by a hyphen and the distributor's company number.
6. Distributor product labels must bear the name and address of the distributor qualified by such terms as "packed for...", "distributed by..."; or sold by..." to show that the name is not that of the manufacturer.
7. All conditions of the basic registration apply equally to distributor products. It is the responsibility of the basic registrant to see that all distributor labeling is kept in compliance with requirements placed on the basic product.

**Distributor**

We intend to market our product under the Distributor Product Name specified above, subject to the conditions specified on this Notice.

Signature and Title of Distributor

*J. [Signature]* Consultant

Date

2-31-94

**Registrant**

I agree that the distributor named above may distribute and sell the Distributor Product specified above, subject to the conditions specified on this Notice.

Signature and Title of Registrant

*Katherine [Signature]*

Date

2/13/94

Paperwork Reduction Act Notice

The annual respondent burden for the Notice of Supplemental Distribution of a Registered Pesticide Product is estimated to average 15 minutes per response, including time for reviewing the instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the information. Send comments regarding this burden, to chief, Information Policy Branch, PM 223, U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460; and to Paperwork Reduction Project (OMB No. 2070-0044), Office of Management and Budget, Washington, DC 20503, Marked "Attention Desk Officer for EPA."

*Handwritten:*  
2/10/94  
S. S. Holgado

220514



United States Environmental Protection Agency  
Office of Pesticide Programs (H7505C)  
401 M Street SW  
Washington, DC 20460

**Notice of Supplemental Distribution of a Registered Pesticide Product**

**Instructions**

After a registrant has obtained final registration for the basic product, the registrant may then supplementally distribute his/her product. One form must be submitted for each distributor product and must be signed by the distributor involved. The basic registration number and the distributor company number must be shown.

If a registrant has a potential distributor who does not have a company number assigned, she/he should have the distributor apply, on letterhead stationary, to the Registration Division to have a number assigned prior to submitting this form to the agency.

This Notice of Supplemental Distribution must be submitted by the basic registrant. The completed form must have the concurrence and signature of both the registrant and the distributor.

EPA Registration Number of Product 9 524-3301 (42 H-22)	Distributor Company Number 6 59144
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**Note: Do not submit distributor product labels**

Name of Registered Product (basic product name accepted by EPA) Roundup h&G Ready-to-use Grass & Weed Killer	Distributor Product Name KnockOut Pennington's Pride Systemic Weed & Grass Killer Ready-To-Use
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Name and Address of Distributor (Type; include ZIP code)

Gro Tec, Inc.  
P.O. Box 290  
Madison, GA 30650

**Read All Conditions Before Signing**

1. The distributor product must have the same composition as the basic product.
2. The distributor product must be manufactured and packaged by the same person who manufactures and packages the registered basic product.
3. The labeling for the distributor product must bear the same claims as the basic product, provided, however, that specific claims may be deleted if by doing so, no other changes to the label are necessary.
4. The product must remain in the manufacturer's unbroken container.
5. The label must bear the EPA registration number of the basic product, followed by a hyphen and the distributor's company number.
6. Distributor product labels must bear the name and address of the distributor qualified by such terms as "packed for...", "distributed by..."; or sold by..." to show that the name is not that of the manufacturer.
7. All conditions of the basic registration apply equally to distributor products. It is the responsibility of the basic registrant to see that all distributor labeling is kept in compliance with requirements placed on the basic product.

**Distributor**

We intend to market our product under the Distributor Product Name specified above, subject to the conditions specified on this Notice.

Signature and Title of Distributor  
*J. Ruth Kelly* Consultant

Date  
1-30-94

**Registrant**

I agree that the distributor named above may distribute and sell the Distributor Product specified above, subject to the conditions specified on this Notice.

Signature and Title of Registrant  
*Sotherin A. Burt*

Date  
2/3/94

24  
2.15.94

Paperwork Reduction Act Notice

The annual respondent burden for the Notice of Supplemental Distribution of a Registered Pesticide Product is estimated to average 15 minutes per response, including time for reviewing the instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the information. Send comments regarding this burden, to chief, Information Policy Branch, PM 223, U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460; and to Paperwork Reduction Project (OMB No. 2070-0044), Office of Management and Budget, Washington, DC 20503, Marked "Attention Desk Officer for EPA."

*Dr. Randy  
K. H. H. H.  
Randy  
3/10/11*

221890



United States Environmental Protection Agency  
Office of Pesticide Programs (H7505C)  
401 M Street SW  
Washington, DC 20460

**Notice of Supplemental Distribution of a Registered Pesticide Product**

**Instructions**

After a registrant has obtained final registration for the basic product, the registrant may then supplementally distribute his/her product. One form must be submitted for each distributor product and must be signed by the distributor involved. The basic registration number and the distributor company number must be shown.

If a registrant has a potential distributor who does not have a company number assigned, she/he should have the distributor apply, on letterhead stationary, to the Registration Division to have a number assigned prior to submitting this form to the agency.

This Notice of Supplemental Distribution must be submitted by the basic registrant. The completed form must have the concurrence and signature of both the registrant and the distributor.

EPA Registration Number of Product <u>9.524-3301</u>	Distributor Company Number <u>59144 6</u>
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**Note: Do not submit distributor product labels**

Name of Registered Product (basic product name accepted by EPA) <u>Roundup 286 Ready-to-Use Grass &amp; Weed Killer</u>	Distributor Product Name <u>Pennington's Pride Eliminator Systemic Weed &amp; Grass Killer Ready-To-Use</u>
--	--

Name and Address of Distributor (Type; include ZIP code)

Gro Tec, Inc.  
P.O. Box 290  
Madison, GA 30650

**Read All Conditions Before Signing**

1. The distributor product must have the same composition as the basic product.
2. The distributor product must be manufactured and packaged by the same person who manufactures and packages the registered basic product.
3. The labeling for the distributor product must bear the same claims as the basic product, provided, however, that specific claims may be deleted if by doing so, no other changes to the label are necessary.
4. The product must remain in the manufacturer's unbroken container.
5. The label must bear the EPA registration number of the basic product, followed by a hyphen and the distributor's company number.
6. Distributor product labels must bear the name and address of the distributor qualified by such terms as "packed for...", "distributed by..."; or sold by..." to show that the name is not that of the manufacturer.
7. All conditions of the basic registration apply equally to distributor products. It is the responsibility of the basic registrant to see that all distributor labeling is kept in compliance with requirements placed on the basic product.

**Distributor**

We intend to market our product under the Distributor Product Name specified above, subject to the conditions specified on this Notice.

Signature and Title of Distributor

Date

J. Smith Self

Consultant

3-21-94

**Registrant**

I agree that the distributor named above may distribute and sell the Distributor Product specified above, subject to the conditions specified on this Notice.

Signature and Title of Registrant

Date

Katherine A. Bate REGISTRATION SPECIALIST

4/4/94

## Paperwork Reduction Act Notice

The annual respondent burden for the Notice of Supplemental Distribution of a Registered Pesticide Product is estimated to average 15 minutes per response, including time for reviewing the instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the information. Send comments regarding this burden, to chief, Information Policy Branch, PM 223, U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460; and to Paperwork Reduction Project (OMB No. 2070-0044), Office of Management and Budget, Washington, DC 20503, Marked "Attention Desk Officer for EPA."



United States Environmental Protection Agency  
Office of Pesticide Programs (H7505C)  
401 M Street SW  
Washington, DC 20460

0230236

**Notice of Supplemental Distribution of a Registered Pesticide Product**

**Instructions**

After a registrant has obtained final registration for the basic product, the registrant may then supplementally distribute his/her product. One form must be submitted for each distributor product and must be signed by the distributor involved. The basic registration number and the distributor company number must be shown.

If a registrant has a potential distributor who does not have a company number assigned, she/he should have the distributor apply, on letterhead stationary, to the Registration Division to have a number assigned prior to submitting this form to the agency.

This Notice of Supplemental Distribution must be submitted by the basic registrant. The completed form must have the concurrence and signature of both the registrant and the distributor.

EPA Registration Number of Product 9 524-330 1	Distributor Company Number 5664 8
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**Note: Do not submit distributor product labels**

Name of Registered Product (basic product name accepted by EPA) JAN/SAN II	Distributor Product Name GONE-2
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Name and Address of Distributor (Type; include ZIP code)

CANTOL INC.  
2211 N. AMERICAN STREET  
PHILADELPHIA, PA 19123

**Read All Conditions Before Signing**

1. The distributor product must have the same composition as the basic product.
2. The distributor product must be manufactured and packaged by the same person who manufactures and packages the registered basic product.
3. The labeling for the distributor product must bear the same claims as the basic product, provided, however, that specific claims may be deleted if by doing so, no other changes to the label are necessary.
4. The product must remain in the manufacturer's unbroken container.
5. The label must bear the EPA registration number of the basic product, followed by a hyphen and the distributor's company number.
6. Distributor product labels must bear the name and address of the distributor qualified by such terms as "packed for...", "distributed by..."; or sold by..." to show that the name is not that of the manufacturer.
7. All conditions of the basic registration apply equally to distributor products. It is the responsibility of the basic registrant to see that all distributor labeling is kept in compliance with requirements placed on the basic product.

**Distributor**

We intend to market our product under the Distributor Product Name specified above, subject to the conditions specified on this Notice.

Signature and Title of Distributor  
Richard Ketscher, Tax

Date  
1-9-96

**Registrant**

I agree that the distributor named above may distribute and sell the Distributor Product specified above, subject to the conditions specified on this Notice.

Signature and Title of Registrant  
Shirley A. Schutte Manager, Regulatory Affairs

Date  
Feb 20, 1996

022296



United States Environmental Protection Agency  
 Office of Pesticide Programs (H7505C)  
 401 M Street SW  
 Washington, DC 20460

0230237

**Notice of Supplemental Distribution of a Registered Pesticide Product**

**Instructions**

After a registrant has obtained final registration for the basic product, the registrant may then supplementally distribute his/her product. One form must be submitted for each distributor product and must be signed by the distributor involved. The basic registration number and the distributor company number must be shown.

If a registrant has a potential distributor who does not have a company number assigned, she/he should have the distributor apply, on letterhead stationary, to the Registration Division to have a number assigned prior to submitting this form to the agency.

This Notice of Supplemental Distribution must be submitted by the basic registrant. The completed form must have the concurrence and signature of both the registrant and the distributor.

EPA Registration Number of Product 9 524-330 1	Distributor Company Number 11820 8
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**Note: Do not submit distributor product labels**

Name of Registered Product (basic product name accepted by EPA) JAN/SAN II	Distributor Product Name BLITZ
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Name and Address of Distributor (Type; include ZIP code)

RICMAR INDUSTRIES, INC.  
 2525 AMERICAN LANE  
 ELK GROVE VILLAGE, ILLINOIS 60007

**Read All Conditions Before Signing**

1. The distributor product must have the same composition as the basic product.
2. The distributor product must be manufactured and packaged by the same person who manufactures and packages the registered basic product.
3. The labeling for the distributor product must bear the same claims as the basic product, provided, however, that specific claims may be deleted if by doing so, no other changes to the label are necessary.
4. The product must remain in the manufacturer's unbroken container.
5. The label must bear the EPA registration number of the basic product, followed by a hyphen and the distributor's company number.
6. Distributor product labels must bear the name and address of the distributor qualified by such terms as "packed for...", "distributed by..."; or sold by..." to show that the name is not that of the manufacturer.
7. All conditions of the basic registration apply equally to distributor products. It is the responsibility of the basic registrant to see that all distributor labeling is kept in compliance with requirements placed on the basic product.

**Distributor**

We intend to market our product under the Distributor Product Name specified above, subject to the conditions specified on this Notice.

Signature and Title of Distributor

*Donald Siegel VP*

Date

1/31/96

**Registrant**

I agree that the distributor named above may distribute and sell the Distributor Product specified above, subject to the conditions specified on this Notice.

Signature and Title of Registrant

*Shirley A. Schutte* Manager, Regulatory Affairs

Date

Feb 20, 1996

022296



United States Environmental Protection Agency  
Office of Pesticide Programs (H7505C)  
401 M Street SW  
Washington, DC 20460

Notice of Supplemental Distribution of a Registered Pesticide Product

Instructions

After a registrant has obtained final registration for the basic product, the registrant may then supplementally distribute his/her product. One form must be submitted for each distributor product and must be signed by the distributor involved. The basic registration number and the distributor company number must be shown.

If a registrant has a potential distributor who does not have a company number assigned, she/he should have the distributor apply, on letterhead stationary, to the Registration Division to have a number assigned prior to submitting this form to the agency.

This Notice of Supplemental Distribution must be submitted by the basic registrant. The completed form must have the concurrence and signature of both the registrant and the distributor.

EPA Registration Number of Product 524-330 42A/2/3	Distributor Company Number 59144 <sup>6</sup>
---	--

Note: Do not submit distributor product labels

Name of Registered Product (basic product name accepted by EPA) Roundup L & G Ready-To-Use Grass & Weed Killer	Distributor Product Name Pennington's Pride Systemic Weed E, Grass Killer Ready-To-Use
--	--

Name and Address of Distributor (Type; include ZIP code)  
Gro Tec, Inc.  
P.O. Box 290  
Madison, Ga. 30650

Read All Conditions Before Signing

1. The distributor product must have the same composition as the basic product.
2. The distributor product must be manufactured and packaged by the same person who manufactures and packages the registered basic product.
3. The labeling for the distributor product must bear the same claims as the basic product, provided, however, that specific claims may be deleted if by doing so, no other changes to the label are necessary.
4. The product must remain in the manufacturer's unbroken container.
5. The label must bear the EPA registration number of the basic product, followed by a hyphen and the distributor's company number.
6. Distributor product labels must bear the name and address of the distributor qualified by such terms as "packed for...", "distributed by..."; or sold by..." to show that the name is not that of the manufacturer.
7. All conditions of the basic registration apply equally to distributor products. It is the responsibility of the basic registrant to see that all distributor labeling is kept in compliance with requirements placed on the basic product.

Distributor

We intend to market our product under the Distributor Product Name specified above, subject to the conditions specified on this Notice.

Signature and Title of Distributor

*[Handwritten Signature]*  
Vice President

Date

1/25/94

Registrant

I agree that the distributor named above may distribute and sell the Distributor Product specified above, subject to the conditions specified on this Notice.

Signature and Title of Registrant

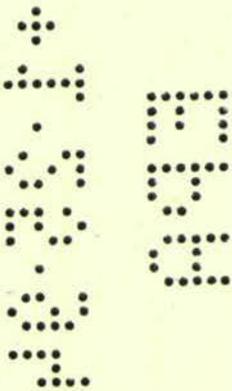
Date

*[Handwritten Signature]*

1/10/94

## Paperwork Reduction Act Notice

The annual respondent burden for the Notice of Supplemental Distribution of a Registered Pesticide Product is estimated to average 15 minutes per response, including time for reviewing the instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the information. Send comments regarding this burden, to chief, Information Policy Branch, PM 223, U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460; and to Paperwork Reduction Project (OMB No. 2070-0044), Office of Management and Budget, Washington, DC 20503, Marked "Attention Desk Officer for EPA."



219919



United States Environmental Protection Agency  
Office of Pesticide Programs (H7505C)  
401 M Street SW  
Washington, DC 20460

Notice of Supplemental Distribution of a Registered Pesticide Product

Instructions

After a registrant has obtained final registration for the basic product, the registrant may then supplementally distribute his/her product. One form must be submitted for each distributor product and must be signed by the distributor involved. The basic registration number and the distributor company number must be shown.

If a registrant has a potential distributor who does not have a company number assigned, she/he should have the distributor apply, on letterhead stationary, to the Registration Division to have a number assigned prior to submitting this form to the agency.

This Notice of Supplemental Distribution must be submitted by the basic registrant. The completed form must have the concurrence and signature of both the registrant and the distributor.

EPA Registration Number of Product 9 524-330 <sup>1</sup> 42A/2/3	Distributor Company Number 59144 <sup>6</sup>
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Note: Do not submit distributor product labels

Name of Registered Product (basic product name accepted by EPA) Roundup L & G Ready-to-Use Grass & Weed Killer	Distributor Product Name Green Charm Knock Out Ready-to-Use
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Name and Address of Distributor (Type; include ZIP code)  
Gro Tec, Inc.  
P.O. Box 290  
Madison, Ga. 30650

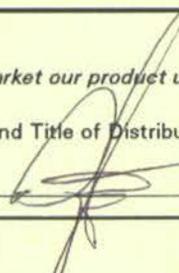
Read All Conditions Before Signing

1. The distributor product must have the same composition as the basic product.
2. The distributor product must be manufactured and packaged by the same person who manufactures and packages the registered basic product.
3. The labeling for the distributor product must bear the same claims as the basic product, provided, however, that specific claims may be deleted if by doing so, no other changes to the label are necessary.
4. The product must remain in the manufacturer's unbroken container.
5. The label must bear the EPA registration number of the basic product, followed by a hyphen and the distributor's company number.
6. Distributor product labels must bear the name and address of the distributor qualified by such terms as "packed for...", "distributed by..."; or sold by..." to show that the name is not that of the manufacturer.
7. All conditions of the basic registration apply equally to distributor products. It is the responsibility of the basic registrant to see that all distributor labeling is kept in compliance with requirements placed on the basic product.

Distributor

We intend to market our product under the Distributor Product Name specified above, subject to the conditions specified on this Notice.

Signature and Title of Distributor

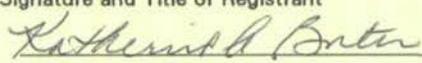
 Vice President

Date  
12-3-93

Registrant

I agree that the distributor named above may distribute and sell the Distributor Product specified above, subject to the conditions specified on this Notice.

Signature and Title of Registrant



Date

1/20/94

## Paperwork Reduction Act Notice

The annual respondent burden for the Notice of Supplemental Distribution of a Registered Pesticide Product is estimated to average 15 minutes per response, including time for reviewing the instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the information. Send comments regarding this burden, to chief, Information Policy Branch, PM 223, U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460; and to Paperwork Reduction Project (OMB No. 2070-0044), Office of Management and Budget, Washington, DC 20503, Marked "Attention Desk Officer for EPA."

U.S. ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460



United States Environmental Protection Agency  
Office of Pesticide Programs (H7505C)  
401 M Street SW  
Washington, DC 20460

247576

Notice of Supplemental Distribution of a Registered Pesticide Product

Instructions

After a registrant has obtained final registration for the basic product, the registrant may then supplementally distribute his/her product. One form must be submitted for each distributor product and must be signed by the distributor involved. The basic registration number and the distributor company number must be shown.

If a registrant has a potential distributor who does not have a company number assigned, she/he should have the distributor apply, on letterhead stationary, to the Registration Division to have a number assigned prior to submitting this form to the agency.

This Notice of Supplemental Distribution must be submitted by the basic registrant. The completed form must have the concurrence and signature of both the registrant and the distributor.

EPA Registration Number of Product 9 524-330 1	Distributor Company Number 3 44446
---	---------------------------------------

Note: Do not submit distributor product labels

Name of Registered Product (basic product name accepted by EPA) JAN/SAN II	Distributor Product Name REMUDA
---	------------------------------------

Name and Address of Distributor (Type; include ZIP code)

QUEST CHEMICAL CORPORATION  
12255 FM 529  
NORTHWOOD INDUSTRIAL PARK  
HOUSTON, TX 77941

Read All Conditions Before Signing

1. The distributor product must have the same composition as the basic product.
2. The distributor product must be manufactured and packaged by the same person who manufactures and packages the registered basic product.
3. The labeling for the distributor product must bear the same claims as the basic product, provided, however, that specific claims may be deleted if by doing so, no other changes to the label are necessary.
4. The product must remain in the manufacturer's unbroken container.
5. The label must bear the EPA registration number of the basic product, followed by a hyphen and the distributor's company number.
6. Distributor product labels must bear the name and address of the distributor qualified by such terms as "packed for...", "distributed by..."; or sold by..." to show that the name is not that of the manufacturer.
7. All conditions of the basic registration apply equally to distributor products. It is the responsibility of the basic registrant to see that all distributor labeling is kept in compliance with requirements placed on the basic product.

Distributor

We intend to market our product under the Distributor Product Name specified above, subject to the conditions specified on this Notice.

Signature and Title of Distributor Mitch Whitney

*MW* *Dir-President*

Date  
3-2-2000

Registrant

I agree that the distributor named above may distribute and sell the Distributor Product specified above, subject to the conditions specified on this Notice.

Signature and Title of Registrant Stephen J. Wratten  
*Steph Wratten* Manager, Registrations

Date  
31 Mar 2000

18-B-7-2

4.5.00



United States Environmental Protection Agency  
 Office of Pesticide Programs (H7505C)  
 401 M Street SW  
 Washington, DC 20460

0230884

**Notice of Supplemental Distribution of a Registered Pesticide Product**

**Instructions**

After a registrant has obtained final registration for the basic product, the registrant may then supplementally distribute his/her product. One form must be submitted for each distributor product and must be signed by the distributor involved. The basic registration number and the distributor company number must be shown.

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This Notice of Supplemental Distribution must be submitted by the basic registrant. The completed form must have the concurrence and signature of both the registrant and the distributor.

EPA Registration Number of Product

9 524-330

Distributor Company Number

45036

**Note: Do not submit distributor product labels**

Name of Registered Product (basic product name accepted by EPA)

JAN/SAN II

Distributor Product Name

ENVIRON

Name and Address of Distributor (Type; include ZIP code)

PURE CORPORATION  
 9955 WESTPOINT DRIVE  
 INDIANAPOLIS, IN 46256-3340

**Read All Conditions Before Signing**

1. The distributor product must have the same composition as the basic product.
2. The distributor product must be manufactured and packaged by the same person who manufactures and packages the registered basic product.
3. The labeling for the distributor product must bear the same claims as the basic product, provided, however, that specific claims may be deleted if by doing so, no other changes to the label are necessary.
4. The product must remain in the manufacturer's unbroken container.
5. The label must bear the EPA registration number of the basic product, followed by a hyphen and the distributor's company number.
6. Distributor product labels must bear the name and address of the distributor qualified by such terms as "packed for...", "distributed by..."; or sold by..." to show that the name is not that of the manufacturer.
7. All conditions of the basic registration apply equally to distributor products. It is the responsibility of the basic registrant to see that all distributor labeling is kept in compliance with requirements placed on the basic product.

**Distributor**

We intend to market our product under the Distributor Product Name specified above, subject to the conditions specified on this Notice.

Signature and Title of Distributor

Dayle L. Oster, CHIEF CHEMIST

Date

3/26/96

**Registrant**

I agree that the distributor named above may distribute and sell the Distributor Product specified above, subject to the conditions specified on this Notice.

Signature and Title of Registrant

Sheila A. Schutte, Manager, Regulatory Affairs

Date

4/3/96



United States Environmental Protection Agency  
 Office of Pesticide Programs (H7505C)  
 401 M Street SW  
 Washington, DC 20460

25961

**Notice of Supplemental Distribution of a Registered Pesticide Product**

**Instructions**

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This Notice of Supplemental Distribution must be submitted by the basic registrant. The completed form must have the concurrence and signature of both the registrant and the distributor.

EPA Registration Number of Product 9 524-330 1	Distributor Company Number 2 11700
---	---------------------------------------

**Note: Do not submit distributor product labels**

Name of Registered Product (basic product name accepted by EPA) Roundup L & G Ready to Use Grass & Weed Killer	Distributor Product Name Meijer Neat 'N Clean Ready to Use Grass & Weed Killer
---	---

Name and Address of Distributor (Type; include ZIP code) Meijer, Inc. 2929 Walker, N.W. Grand Rapids, MI 49504	
---	--

**Read All Conditions Before Signing**

1. The distributor product must have the same composition as the basic product.
2. The distributor product must be manufactured and packaged by the same person who manufactures and packages the registered basic product.
3. The labeling for the distributor product must bear the same claims as the basic product, provided, however, that specific claims may be deleted if by doing so, no other changes to the label are necessary.
4. The product must remain in the manufacturer's unbroken container.
5. The label must bear the EPA registration number of the basic product, followed by a hyphen and the distributor's company number.
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7. All conditions of the basic registration apply equally to distributor products. It is the responsibility of the basic registrant to see that all distributor labeling is kept in compliance with requirements placed on the basic product.

**Distributor**

We intend to market our product under the Distributor Product Name specified above, subject to the conditions specified on this Notice.

Signature and Title of Distributor: Bill Mueh Vice President Marketing & Advertising Date: 03/16/95

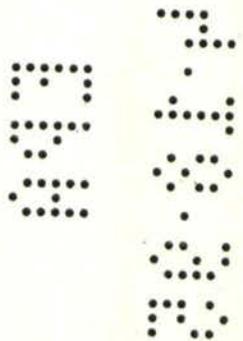
**Registrant**

I agree that the distributor named above may distribute and sell the Distributor Product specified above, subject to the conditions specified on this Notice.

Signature and Title of Registrant: Robert A. Butler Registration Specialist Date: April 13, 1995

Paperwork Reduction Act Notice

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United States

**Environmental Protection Agency**

234085

Office of Pesticide Programs (7505C)  
Washington, DC 20460

**Notice of Supplemental Distribution of a Registered Pesticide Product**

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This Notice of Supplemental Distribution must be submitted by the basic registrant. The completed form must have the concurrence and signature of both the registrant and the distributor.

EPA Registration Number of Product 9524-330	Distributor Company Number 12140 ○
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**Note: Do not submit distributor product labels**

Name of Registered Product (basic product name accepted by EPA) Roundup L & G Ready To Use Grass & Weed Killer	Distributor Product Name True Value Green Thumb Systemic Weed & Grass Killer
--	--

Name and Address of Distributor (Type; include ZIP code) Cotter & Company 8600 W. Bryn Mawr Ave. Chicago, IL 60631	
---	--

**Read All Conditions Before Signing**

1. The distributor product must have the same composition as the basic product.
2. The distributor product must be manufactured and packaged by the same person who manufactures and packages the registered basic product.
3. The labeling for the distributor product must bear the same claims as the basic product, provided, however, that specific claims may be deleted if by doing so, no other changes to the label are necessary.
4. The product must remain in the manufacturer's unbroken container.
5. The label must bear the EPA registration number of the basic product, followed by a hyphen and the distributor's company number.
6. Distributor product labels must bear the name and address of the distributor qualified by such terms as "packed for...", "distributed by..."; or "sold by..." to show that the name is not that of the manufacturer.
7. All conditions of the basic registration apply equally to distributor products. It is the responsibility of the basic registrant to see that all distributor labeling is kept in compliance with requirements placed on the basic product.

**Distributor**

We intend to market our product under the Distributor Product Name specified above, subject to the conditions specified on this Notice.

Signature and Title of Distributor 	Stacy A. Schmidt Agent for Cotter & Company	Date 1/9/97
--	--	----------------

**Registrant**

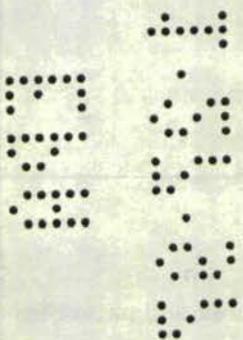
I agree that the distributor named above may distribute and sell the Distributor Product specified above, subject to the conditions specified on this Notice.

Signature and Title of Registrant 	Date 1/20/97
---------------------------------------	-----------------

250PEG

### Paperwork Reduction Act Notice

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*Handwritten signature*



United States Environmental Protection Agency

234936

Office of Pesticide Programs (7505C) Washington, DC 20460

Notice of Supplemental Distribution of a Registered Pesticide Product

Instructions

After a registrant has obtained final registration for the basic product, the registrant may then supplementally distribute his/her product. One form must be submitted for each distributor product and must be signed by the distributor involved. The basic registration number and the distributor company number must be shown.

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This Notice of Supplemental Distribution must be submitted by the basic registrant. The completed form must have the concurrence and signature of both the registrant and the distributor.

EPA Registration Number of Product

9 524-330 1

Distributor Company Number

0 12140

Note: Do not submit distributor product labels

Name of Registered Product (Basic product name accepted by EPA)

Roundup h76 Ready to Use Grass and Weed Killer

Distributor Product Name

True Value Green Thumb Systemic Weed & Grass Killer

Name and Address of Distributor (Type; include ZIP code)

Cotter & Company 8600 W. Bryn Mawr Ave. Chicago, IL 60631

Read All Conditions Before Signing

- 1. The distributor product must have the same composition as the basic product.
2. The distributor product must be manufactured and packaged by the same person who manufactures and packages the registered basic product.
3. The labeling for the distributor product must bear the same claims as the basic product, provided, however, that specific claims may be deleted if by doing so, no other changes to the label are necessary.
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7. All conditions of the basic registration apply equally to distributor products. It is the responsibility of the basic registrant to see that all distributor labeling is kept in compliance with requirements placed on the basic product.

Distributor

We intend to market our product under the Distributor Product Name specified above, subject to the conditions specified on this Notice.

Signature and Title of Distributor

Stacy A. Schmidt (handwritten signature)

Stacy A. Schmidt Agent for Cotter & Company

Date

1/9/97

Registrant

I agree that the distributor named above may distribute and sell the Distributor Product specified above, subject to the conditions specified on this Notice.

Signature and Title of Registrant

Katherine A. Burton (handwritten signature)

Registration Specialist

Date

1/9/97

35

233638



United States Environmental Protection Agency  
Office of Pesticide Programs (H7505C)  
401 M Street SW  
Washington, DC 20460

Notice of Supplemental Distribution of a Registered Pesticide Product

Instructions

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This Notice of Supplemental Distribution must be submitted by the basic registrant. The completed form must have the concurrence and signature of both the registrant and the distributor.

EPA Registration Number of Product

9 524-330 1

Distributor Company Number

X 10807 6

Note: Do not submit distributor product labels

Name of Registered Product (basic product name accepted by EPA)  
JAN/SAN II (0.96%)

Distributor Product Name

X Misty Glypho Kill RTU

Name and Address of Distributor (Type; include ZIP code)

AMREP INC.  
990 INDUSTRIAL PARK DRIVE  
MARIETTA, GEORGIA 30062

Read All Conditions Before Signing

1. The distributor product must have the same composition as the basic product.
2. The distributor product must be manufactured and packaged by the same person who manufactures and packages the registered basic product.
3. The labeling for the distributor product must bear the same claims as the basic product, provided, however, that specific claims may be deleted if by doing so, no other changes to the label are necessary.
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7. All conditions of the basic registration apply equally to distributor products. It is the responsibility of the basic registrant to see that all distributor labeling is kept in compliance with requirements placed on the basic product.

Distributor

We intend to market our product under the Distributor Product Name specified above, subject to the conditions specified on this Notice.

Signature and Title of Distributor

X Susan Walker / Reg. Affairs

Date

X 11/20/96

Registrant

I agree that the distributor named above may distribute and sell the Distributor Product specified above, subject to the conditions specified on this Notice.

Signature and Title of Registrant

Sheila A. Schuetter / Manager, Regulatory Affairs

Date

Dec. 2, 1996



U.S. ENVIRONMENTAL PROTECTION AGENCY  
 Office of Pesticide Programs  
 Registration Division (H7505C)  
 401 "M" St., S.W.  
 Washington, D.C. 20460

EPA Reg. Number:  
 524-330

Date of Issuance:  
 OCT 29 1997

NOTICE OF PESTICIDE:  
 \_\_\_\_\_ Registration  
 x  Reregistration

(under FIFRA, as amended)

Term of Issuance:  
 Unconditional

Name of Pesticide Product:  
 Roundup L & G Ready-To-Use Grass & Weed Killer  
 JAN/SAN II Herbicide

Name and Address of Registrant (include ZIP Code):

Monsanto Company  
 700 14th Street, N.W. Suite #1100  
 Washington, D.C. 20005

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

Based on your response to the Reregistration Eligibility Document, EPA has reregistered the product listed above. Enclosed is a copy of your stamped "Acceptable". This action is taken under the authority of section 4(g)(2)(C) of the Federal Insecticide, Fungicide and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for conditinal reassessment of pesticides. EPA may require submission of data at any time to maintain registration of your product.

*UKW*

Signature of Approving Official:

Date:

10-25-97

# JAN/SAN™ II

HERBICIDE BY **Monsanto**

Keep out of reach of children.  
**CAUTION!**

Read the entire label before using this product. Use only according to label instructions. Read "LIMIT OF WARRANTY AND LIABILITY" before buying or using. If terms are not acceptable, return at once unopened. REFORMULATION OR REPACKAGING IS PROHIBITED.

**ACTIVE INGREDIENT:**

Glyphosate, N-(phosphonomethyl)glycine, in the form of its isopropylamine salt.....	0.96%
INERT INGREDIENTS.....	99.04%
	100.00%

**PRECAUTIONARY STATEMENTS**

Hazards to Humans and Domestic Animals

**CAUTION!** If swallowed, may cause gastrointestinal tract irritation. Wash thoroughly with soap and water after handling. Keep children and pets off treated area until spray is thoroughly dry. In case of an emergency involving this product, Call Collect, day or night (314) 694-4000.

**Environmental Hazards**

Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

**Physical or Chemical Hazards**

Spray solutions of this product should be mixed, stored and applied only in stainless steel, aluminum, fiberglass, plastic and plastic-lined steel containers.  
**DO NOT MIX, STORE OR APPLY THIS PRODUCT OR SPRAY SOLUTIONS OF THIS PRODUCT IN GALVANIZED STEEL OR UNLINED STEEL (EXCEPT STAINLESS STEEL) CONTAINERS OR SPRAY TANKS.** This product or spray solutions of this product react with such containers and tanks to produce hydrogen gas which may form a highly combustible gas mixture. This gas mixture could flash or explode, causing serious personal injury, if ignited by open flame, spark, welder's torch, lighted cigarette, or other ignition source.

This product is protected by US Patent 4,405,531. Other patents pending. No license is granted under any non-US patent(s).

\*Trademark of Monsanto Company

EPA Est. 524-LA-1

EPA Reg No 524-330

MONSANTO COMPANY  
AGRICULTURAL PRODUCTS  
ST LOUIS, MISSOURI 63167 U.S.A.

**ACCEPTED**  
OCT 29 1997

**NET** Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 524-330

It is a violation of Federal law to use this product in any manner inconsistent with its labeling.

**DIRECTIONS FOR USE**

**Storage and Disposal**

Do not contaminate water, foodstuffs, feed or seed by storage or disposal.

**STORAGE:** Store this product in its original container and in a secured storage area.

**DISPOSAL:** Wastes resulting from the use of this product that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticide disposal or in accordance with applicable Federal, State or local procedures.

Emptied container retains vapor and product residue. Observe all labeled safeguards until container is destroyed. Do not reuse container. Triple rinse container, then puncture and dispose of in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

This product is a nonselective grass and weed killer which, when absorbed by contacted foliage, is carried throughout the stems and roots to give complete kill of tough annual and perennial grasses and broadleaf weeds. This product has no herbicidal activity in the soil and will not wash or leach to affect nearby vegetation. It is formulated for "spot" application to kill individual weeds around trees, shrubs, fences, walks and in flower gardens and lawns. Yellowing and wilting usually occur within one week with a complete kill in 2 to 4 weeks. For best results, apply to actively growing plants in warm sunny weather.

**HOW TO USE:** Adjust the nozzle to a coarse spray. Position sprayer tip approximately 1-2 feet from the weed and apply to completely cover the weed, stopping just before the spray begins to drip or run off. One application will control most listed weeds. If certain hard-to-control weeds are not completely killed within 4 weeks, repeat application. Treated areas in lawns can be reseeded 7 or more days after application.

**WEEDS CONTROLLED:** Bahiagrass, Barnyardgrass, Bermudagrass, Blackberries, Canada Thistle, Chickweed, Common Ragweed, Crabgrasses, Dandelion, Fescues, Field Bindweed, Field Sandbur, Foxtail, Johnsongrass, Kentucky Bluegrass, Lambsquarter, Orchardgrass, Perennial Ryegrass, Poison Ivy, Poison Oak, Quackgrass, Red Clover, Shepherds-purse, Smooth Bromegrass, Sowthistle, White Clover and Yellow Nutsedge.

**IMPORTANT:** This product is a nonselective weed killer which can injure or kill all vegetation contacted. **AVOID SPRAY CONTACT ON DESIRABLE PLANTS. APPLY ONLY WHEN THE AIR IS CALM.** If spray or drift accidentally contacts desirable vegetation, wash off immediately with water. Do not apply when rainfall is expected within 24 hours. Avoid mowing, cutting or otherwise disturbing treated vegetation for at least 7 days.

**LIMIT OF WARRANTY AND LIABILITY**

This Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes set forth in the Complete Directions for Use label booklet ("Directions") when used in accordance with those Directions under the conditions described therein. **NO OTHER EXPRESS WARRANTY OR IMPLIED WARRANTY OF FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY IS MADE.** This warranty is also subject to the conditions and limitations stated herein.

Buyer and all users are responsible for all loss or damage from use or handling which results from conditions beyond the control of this Company, including, but not limited to, incompatibility with products other than those set forth in the Directions, application to or contact with desirable vegetation, unusual weather, weather conditions which are outside the range considered normal at the application site and for the time period when the product is applied, as well as weather conditions which are outside the application ranges set forth in the Directions, application in any manner not explicitly set forth in the Directions, moisture conditions outside the moisture range specified in the Directions, or the presence of products other than those set forth in the Directions in or on the soil, crop or treated vegetation. **THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE LIMIT OF THE LIABILITY OF THIS COMPANY OR ANY OTHER SELLER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT (INCLUDING CLAIMS BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY, OTHER TORT OR OTHERWISE) SHALL BE THE PURCHASE PRICE PAID BY THE USER OR BUYER FOR THE QUANTITY OF THIS PRODUCT INVOLVED, OR, AT THE ELECTION OF THIS COMPANY OR OTHER SELLER, THE REPLACEMENT OF SUCH QUANTITY, OR, IF NOT ACQUIRED BY PURCHASE, REPLACEMENT OF SUCH QUANTITY. IN NO EVENT SHALL THIS COMPANY OR ANY OTHER SELLER BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES.**

Buyer and all users are deemed to have accepted the terms of this LIMIT OF WARRANTY AND LIABILITY which may not be varied by any verbal or written agreement.

# Roundup

L&G  
**READY-TO-USE**

by Monsanto

## Grass & Weed Killer

- SYSTEMIC GRASS AND WEED KILLER FOR SPOT TREATMENT OF UNDESIRABLE VEGETATION
- KILLS LABELED WEEDS AND GRASS, ROOTS AND ALL

- DOES NOT HAVE SOIL ACTIVITY
- SUITABLE FOR USE AROUND FLOWER BEDS, TREES, SHRUBS, FENCES, WALKS AND SPOT TREATMENT IN LAWNS

Read the entire label before using this product. Use only according to label instructions.

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions. If these terms are not acceptable, return at once unopened.

Keep out of reach of children.

### CAUTION!

See back panel for Precautionary Statements and Directions for Use.

EPA Reg. No. 524-330

MONSANTO COMPANY  
AGRICULTURAL PRODUCTS  
ST. LOUIS, MISSOURI 63167 U.S.A.

#### ACTIVE INGREDIENT:

*Glyphosate, N-(phosphonomethyl) glycine, in the form of its isopropylamine salt	0.96%
INERT INGREDIENTS	99.04%
	100.00%

This product is protected by U.S. Patents No. 3,799,758, No. 4,405,531 and No. 4,840,650. Other patents pending. No license granted under any non-U.S. patent(s).

© Trademark of Monsanto Company  
© MONSANTO COMPANY 1990

NET 24 fl. oz.  
(1 pt. 8 oz.)

897.09-000.26-1

Requires  
No Mixing

#### PRECAUTIONARY STATEMENTS

##### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Keep out of reach of children.

**CAUTION!** If swallowed, may cause gastrointestinal tract irritation. Wash thoroughly with soap and water after handling. Keep children and pets off treated area until spray is thoroughly dry. In case of an emergency involving this product, Call Collect, day or night, (314) 694-4000.

##### ENVIRONMENTAL HAZARDS

Do not apply directly to water or wetland (swamps, bogs, marshes or pot-holes). Do not contaminate water when disposing of equipment washwaters.

##### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Roundup® L&G Ready-To-Use herbicide is a nonselective labeled grass and weed killer which, when absorbed by contacted foliage, is carried throughout the stems and roots to give complete kill of labeled tough annual and perennial grasses and broadleaf weeds. This product has no herbicidal activity in the soil and will not wash or leach to affect nearby vegetation. It is formulated for "spot" application to kill individual weeds around trees, shrubs, fences, patios, walks and in flower gardens and lawns. Yellowing and wilting usually occur within one week with a complete kill in 2 to 4 weeks. For best results, apply to actively growing plants in warm sunny weather.

**HOW TO USE:** Adjust the nozzle to a coarse spray. Position sprayer tip approximately 1-2 feet from the weed and apply to completely cover the weed, stopping just before the spray begins to drip or run off. One application will control most listed weeds. If certain hard-to-control weeds are not completely killed within 4 weeks, repeat application. Treated areas in lawns can be reseeded 7 or more days after application.

**WEEDS CONTROLLED:** Bahiagrass, Barnyardgrass, Bermudagrass, Blackberries, Canada Thistle, Chickweed, Common Ragweed, Crabgrasses, Dandelion, Fescues, Field Bindweed, Field Sandbur, Foxtail, Johnsongrass, Kentucky Bluegrass, Lambs-quarter, Orchardgrass, Perennial Ryegrass, Poison Ivy, Poison Oak, Quackgrass, Red Clover, Shepherds-purse, Smooth Bromegrass, Sowthistle, White Clover and Yellow Nutsedge.

**IMPORTANT!** This product is a nonselective weed killer which can injure or kill all vegetation contacted. AVOID SPRAY CONTACT ON DESIRABLE PLANTS. APPLY ONLY WHEN THE AIR IS CALM. If spray or drift accidentally contacts desirable vegetation, wash off immediately with water. Do not apply when rainfall is expected within 24 hours. Avoid mowing, cutting or otherwise disturbing treated vegetation for at least 7 days.

For more product information, call toll-free 1-800-225-2883.

##### STORAGE AND DISPOSAL

Do not contaminate water, foodstuffs, feed or seed by storage or disposal. **STORAGE:** USE AND STORE THIS PRODUCT ONLY IN ITS ORIGINAL CONTAINER. Store product in a secure storage area. Protect product from freezing.

**DISPOSAL:** To dispose of unused product, securely wrap original container in several layers of newspaper and discard in trash. In case of SPILL or LEAK, soak up with paper towels and discard in trash.

Do not reuse container. Rinse thoroughly before discarding in trash.

EPA Est. 56100-LA-001  
897.09-000.26-2



ACCEPTED

OCT 29 1997

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under  
EPA Reg. No. 524-330

ACCEPTED

OCT 29 1997

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under: 524-330

# Roundup<sup>®</sup> LG

Requires No Mixing

READY-TO-USE

by Monsanto

## Grass & Weed Killer

- SYSTEMIC GRASS AND WEED KILLER FOR SPOT TREATMENT OF UNDESIRABLE VEGETATION
- KILLS LABELED WEEDS AND GRASS, ROOTS AND ALL
- DOES NOT HAVE SOIL ACTIVITY
- SUITABLE FOR USE AROUND FLOWER BEDS, TREES, SHRUBS, FENCES, WALKS AND SPOT TREATMENT IN LAWNS

Read the entire label before using this product.

Use only according to label instructions.  
NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions. If these terms are not acceptable, return at once unopened.

Keep out of reach of children.

**CAUTION!** See back panel for Precautionary Statements and Directions for Use.

This product is protected by U.S. Patents No. 3,799,758, No. 4,405,531 and No. 4,840,550. Other patents are pending. No license granted under any non-U.S. patents.

**ACTIVE INGREDIENTS:**

\*Glyphosate, N-(phosphonomethyl) glycine in the form of its isopropylamine salt

.....	0.96%
.....	99.04%
.....	100.00%

• Trademark of Monsanto Company

©MONSANTO COMPANY 1990

MONSANTO COMPANY  
AGRICULTURAL PRODUCTS  
ST. LOUIS, MISSOURI 63167 U.S.A.

NET 1 GAL

EPA Reg. No. 524-330

897.09-000.28-1

### PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

Keep out of reach of children.

**CAUTION!** If swallowed, may cause gastrointestinal tract irritation. Wash thoroughly with soap and water after handling. Keep children and pets off treated area until spray is thoroughly dry. In case of an emergency involving this product, Call Collect, day or night, (314) 694-4000.

### Environmental Hazards

Do not apply directly to water or wetland (swamps, bogs, marshes or potholes). Do not contaminate water when disposing of equipment washwaters.

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Roundup® L&G Ready-To-Use herbicide is a nonselective grass and weed killer which, when absorbed by contacted foliage, is carried throughout the stems and roots to give complete kill of labeled tough annual and perennial grasses and broadleaf weeds. This product has no herbicidal activity in the soil and will not wash or leach to affect nearby vegetation. It is formulated for "spot" application to kill individual weeds around trees, shrubs, fences, patios, walks and in flower gardens and lawns. Yellowing and wilting usually occur within one week with a complete kill in 2 to 4 weeks. For best results, apply to actively growing plants in warm sunny weather.

**HOW TO USE:** Adjust the nozzle to a coarse spray. Position sprayer tip approximately 1-2 feet from the weed and apply to completely cover the weed, stopping just before the spray begins to drip or run off. One application will control most listed weeds. If certain hard-to-control weeds are not completely killed within 4 weeks, repeat application. Treated areas in lawns can be reseeded 7 or more days after application.

**WEEDS CONTROLLED:** Bahiagrass, Barnyardgrass, Bermudagrass, Blackberries, Canada Thistle, Chickweed, Common Ragweed, Crabgrasses, Dandelion, Fescues, Field Bindweed, Field Sandbur, Foxtail, Johnsongrass, Kentucky Bluegrass, Lambsquarter, Orchardgrass, Perennial Ryegrass, Poison Ivy, Poison Oak, Quackgrass, Red Clover, Shepherds-purse, Smooth Bromegrass, Sow-thistle, White Clover and Yellow Nutsedge.

**IMPORTANT:** This product is a nonselective weed killer which can injure or kill all vegetation contacted. AVOID SPRAY CONTACT ON DESIRABLE PLANTS. APPLY ONLY WHEN THE AIR IS CALM. If spray or drift accidentally contacts desirable vegetation, wash off immediately with water. Do not apply when rainfall is expected within 24 hours. Avoid mowing, cutting or otherwise disturbing treated vegetation for at least 7 days.

For more product information, call toll-free 1-800-225-2883.

### Storage and Disposal

Do not contaminate water, foodstuffs, feed or seed by storage or disposal.

**STORAGE:** USE AND STORE THIS PRODUCT ONLY IN ITS ORIGINAL CONTAINER. Store product in a secure storage area. Protect product from freezing.

**DISPOSAL:** To dispose of unused product, securely wrap original container in several layers of newspaper and discard in trash. In case of SPILL or LEAK, soak up with paper towels and discard in trash. Do not reuse container. Rinse thoroughly before discarding in trash.

⑥ ①

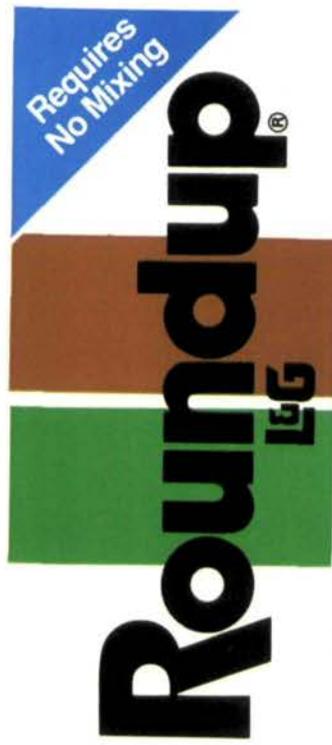
EPA Est. 56100-LA-001; 524-LA-1  
Superscript corresponds to the first letter of the lot number printed on bottom.  
MONSANTO COMPANY AGRICULTURAL PRODUCTS ST. LOUIS, MISSOURI 63167 U.S.A.  
897.09-000.28-2X2



**ACCEPTED**

OCT 29 1997

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 524-330



Requires No Mixing

READY-TO-USE

by Monsanto

# Grass & Weed Killer

- SYSTEMIC GRASS AND WEED KILLER FOR SPOT TREATMENT OF UNDESIRABLE VEGETATION
- KILLS LABELED WEEDS AND GRASS, ROOTS AND ALL
- DOES NOT HAVE SOIL ACTIVITY
- SUITABLE FOR USE AROUND FLOWER BEDS, TREES, SHRUBS, FENCES, WALKS AND SPOT TREATMENT IN LAWNS

Read the entire label before using this product.

Use only according to label instructions.

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions. If these terms are not acceptable, return at once unopened.

**ACTIVE INGREDIENTS:**

*Glyphosate, N-(phosphonomethyl) glycine, in the form of its isopropylamine salt	0.96%
INERT INGREDIENTS	99.04%
	100.00%

Keep out of reach of children.

**CAUTION!** See back panel for Precautionary Statements and Directions for Use.

• Trademark of Monsanto Company

EPA Reg. No. 524-330

897.09-000.27-1

NET 64 fl. oz. (2 qts.)

## PRECAUTIONARY STATEMENTS

### Hazards to Humans and Domestic Animals

Keep out of reach of children.

**CAUTION!** If swallowed, may cause gastrointestinal tract irritation. Wash thoroughly with soap and water after handling. Keep children and pets off treated area until spray is thoroughly dry. In case of an emergency involving this product, Call Children, Day or Night, (314) 694-4000.

### Environmental Hazards

Do not apply directly to water or wetland (swamps, bogs, marshes or potholes). Do not contaminate water when disposing of equipment washwaters.

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Roundup® LG Ready-To-Use herbicide is a nonselective grass and weed killer which, when absorbed by contacted foliage, is carried throughout the stems and roots to give complete kill of tough labeled annual and perennial grasses and broadleaf weeds. This product has no herbicidal activity in the soil and will not wash or leach to affect nearby vegetation. It is formulated for "spot" application to kill individual weeds around trees, shrubs, fences, patios, walks and in flower gardens and lawns. Yellowing and wilting usually occur within one week with a complete kill in 2 to 4 weeks. For best results, apply to actively growing plants in warm sunny weather.

**HOW TO USE:** Adjust the nozzle to a coarse spray. Position sprayer tip approximately 1-2 feet from the weed and apply to completely cover the weed, stopping just before the spray begins to drip or run off. One application will control most listed weeds. If certain hard-to-control weeds are not completely killed within 4 weeks, repeat application. Treated areas in lawns can be reseeded 7 or more days after application.

**WEEDS CONTROLLED:** Bahiagrass; Bermudagrass; Blackberries; Canada Thistle; Chickweed; Common Ragweed; Crabgrasses; Dandelion; Fescues; Field Bindweed; Field Sandbur; Foxtail; Johnsongrass; Kentucky Bluegrass; Lambsquarter; Orchardgrass; Perennial Ryegrass; Poison Ivy; Poison Oak; Quackgrass; Red Clover; Shepherds-purse; Smooth Bromegrass; Sowthistle; White Clover and Yellow Nutsedge.

**IMPORTANT:** This product is a nonselective weed killer which can injure or kill all vegetation contacted. AVOID SPRAY CONTACT ON DESIRABLE PLANTS. APPLY ONLY WHEN THE AIR IS CALM. If spray or drift accidentally contacts desirable vegetation, wash off immediately with water. Do not apply when rainfall is expected within 24 hours. Avoid mowing, cutting or otherwise disturbing treated vegetation for at least 7 days.

For more product information, call toll-free 1-800-225-2883.

### Storage and Disposal

Do not contaminate water, foodstuffs, feed or seed by storage or disposal. STORAGE: USE AND STORE THIS PRODUCT ONLY IN ITS ORIGINAL CONTAINER. Store product in a secure storage area. Protect product from freezing.

DISPOSAL: To dispose of unused product, securely wrap original container in several layers of newspaper and discard in trash. In case of SPILL or LEAK, soak up with paper towels and discard in trash. Do not reuse container. Rinse thoroughly before discarding in trash.

©MONSANTO COMPANY 1990

This product is protected by U.S. Patents No. 3,796,758, No. 4,405,531, and No. 4,840,650. Other patents are pending. No license granted under any non-U.S. patent(s). MONSANTO COMPANY AGRICULTURAL PRODUCTS ST. LOUIS, MO 63167 U.S.A.

EPA Est. 56100-LA-001; 524-LA-1

Superscript corresponds to the first letter of the lot number printed on bottom.



3. IS PUBLIC ACTION NECESSARY

YES  NO

4. PETITION NO.

1524-0-300

NO. 019 DAY 17 YEAR 97

5. RECEIVED BY TEAM

6. METHOD OF SUPPORT

24  28  30

7. PRODUCT MANAGER

8. PROJECTED RETURN

9. DATE PULLED

10/6/97

10. DATE PUBLISHED

11. ACTION TYPE

Labels for Registration  
655

12. OUTGOING DATE

REV. SEC.	REVIEW TYPE	REVIEWER CODE (Initials)	SIGNATURE OF REVIEWER	COMMENT CODE	DATE REVIEW COMPLETED		
					MO	DAY	YR
A	REVIEWABILITY TEAM						
B	PRODUCT MANAGER TEAM EFFICACY REVIEW						
C	PRODUCT MANAGER TEAM HUMAN SAFETY REVIEW						
D	PRODUCT MANAGER TEAM ENVIRONMENTAL SAFETY REVIEW						
E	PRODUCT MANAGER TEAM RESUBMISSION REVIEW						
F	PRODUCT MANAGER						
G	INTERAGENCY REFERRAL						
H	COST-BENEFIT REVIEW						
I	PUBLIC COMMENTS REVIEW						
J	EEE BRANCH INSECTICIDE EFFICACY						
K	EEE BRANCH HERBICIDE EFFICACY						
L	EEE BRANCH FUNGICIDE EFFICACY						
M	EEE BRANCH ROSENTICIDE EFFICACY						
N	EEE BRANCH DISINFECTANT EFFICACY						
O	CHEMISTRY BRANCH RESIDUE CHEMISTRY						
P	EEE BRANCH ENVIRONMENTAL CHEMISTRY						
Q	TOXICOLOGY BRANCH HUMAN SAFETY						
R	EEE BRANCH ENVIRONMENTAL SAFETY						
S							
T							

OK W/ NAC 10/06/97

PRODUCT MANAGER SIGNATURE	TYPE OF RESPONSE	CODE

# Monsanto

---

Monsanto Company  
Suite 1100  
700 14th Street, N.W.  
Washington, D.C. 20005

September 16, 1997

**Hand Delivered**

Office of Pesticide Programs  
Document Processing Center (AMEND)  
U.S. Environmental Protection Agency  
Room 266A, Crystal Mall #2  
1921 Jefferson Davis Highway  
Arlington, VA 22202

Attention: Mr. James A. Tompkins (7505C)  
Team Leader (25)

Subject: **Reregistration: EPA Reg. No. 524-330**  
**Roundup® L&G Ready-To-Use Grass and Weed Killer**  
**Jan/San™ II Herbicide**

Dear Mr. Tompkins:

In response to your letter dated 14-Jul-97, Monsanto submits five copies (5) of current labeling for stamping. We sincerely regret the lateness of our reply to your letter. Some of this labeling has been very difficult to locate since the Roundup L&G Ready-To-Use product has been dormant for several years, being sold exclusively today by Solaris under a different registration number. Indeed, only 4 copies of the 24 ounce size label have been found to exist, and we have substituted a photocopy for the fifth one.

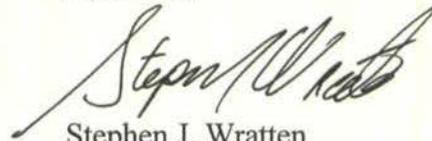
Mr. James Tompkins Page 2  
Sept. 16, 1997

The labels enclosed are:

Name	Size	Print Plate (front)	Print Plate (back)	Date
Roundup L&G Ready-To-Use Grass and Weed Killer	24 ounces	897.09.000.26-1	897.09.000.26-2	1990
Roundup L&G Ready-To-Use Grass and Weed Killer	64 ounces	897.09.000.27-1	897.09.000.27-2X2	1990
Roundup L&G Ready-To-Use Grass and Weed Killer	1-gallon	897.09.000.28-1	897.09.000.28-2X2	1990
Jan/San II Herbicide	Bulk	GPL -0002.02	NA	1992

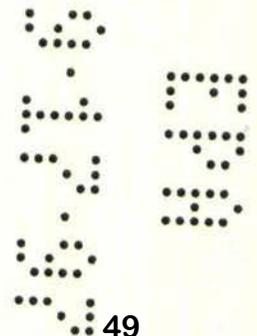
Monsanto believes that this submission will complete the reregistration process for this registration number. If you have any questions on this matter please feel free to contact me through Dr. Russell P. Schneider or directly at 314-694-1582.

Sincerely,



Stephen J. Wratten  
Manager, Registrations

cc (no enclosures): R. P. Schneider  
S. Cornes (Mail Zone 1600)  
D. Fee- White





United States  
**Environmental Protection Agency**  
 Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number  
**232075**

**Application for Pesticide - Section I**

1. Company/Product Number 524-330	2. EPA Product Manager James A. Tompkins	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Jan/San™ II Herbicide Roundup® L&G Ready-To-Use Grass and Weed Killer	PM# 25	
5. Name and Address of Applicant (Include ZIP Code) Monsanto Company 700 14th Street, N.W., Suite 1100 Washington, DC 20005 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

**Section - II**

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input checked="" type="checkbox"/> Resubmission in response to Agency letter dated <u>4-July-97</u>	<input type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification - Explain below.	<input checked="" type="checkbox"/> Other - Explain below.

**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)

Submission of printed current labelling for reregistration

**Section - III**

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	If "Yes" Unit Packaging wgt. No. per container		<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must submitted		If "Yes" Package wgt. No. per container			
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____		

**Section - IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Dr. Russell P. Schneider	Title Agricultural Regulation Director	Telephone No. (Include Area Code) (202) 783-2460
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped) 
2. Signature 	3. Title Manager, Registrations	
4. Typed Name Stephen J. Wratten, Ph.D.	5. Date September 16, 1997	

## PAPERWORK REDUCTION ACT NOTICE and INSTRUCTIONS

**PAPERWORK REDUCTION ACT NOTICE:** Public reporting burden for this collection of information is estimated to average 0.85 hour per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Chief, Information Policy Branch, (2136), U.S. Environmental Protection Agency, 401 M Street, SW, Washington, DC 20460; and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, DC 20503.

**INSTRUCTIONS:** This form is to be used for all applications for new registration, and use reregistration, amendment, resubmission, to applications for notifications, final printed labeling, reregistration, etc. In order to process an application for a new registration submitted on this form, the following material must accompany the application:

1. Certification with Respect to Citation of Data (EPA Form 8570-29). [If not exempted by 40 CFR 152.81 (b) (4)];
2. Confidential Statement of Formula (EPA Form 8570-4);
3. Formulator's Exemption Statement (EPA Form 8570-27);
4. Five copies of draft labeling;
5. Three copies of any data submitted;
6. Authorization letter where applicable;
7. Matrices where applicable.

**Submission of Labeling** - Labeling should first be submitted in the form of draft labels with all applications for new registration. Such draft labels may be in the form of typed label text on 8.5 x 11 inch paper for submission or a mockup of the proposed label. If prepared for mockup, it should be constructed in a way as to facilitate storage in an 8.5 x 11 inch file. Mockup labels significantly smaller than 8.5 x 11 inches should be mounted on 8.5 x 11 inch paper for submission.

**Submission of Data** - Data submitted in support of this application must be submitted in accordance with PR Notice 86-5.

**SPECIFIC INSTRUCTIONS:** Please read the instructions listed below before completing this application. First determine the type of registration action, listed in Block A, for which you are submitting this application. For applications submitted in connection with New Registration actions, Sections I, III, and IV must be completed by the applicant. For applications submitted in connection with amended reregistration actions, resubmissions, notifications, reregistrations, etc., Sections I, II, and IV must be completed by the applicant.

**Block A** - Check the appropriate action for which you are submitting this form.

**SECTION I** - This section must be completed, as applicable, for all registration actions.

1. **Company/Product Number** - Insert your Company Number, if one has been assigned by EPA. This number may have been assigned to you as a basic registrant, a distributor, or as an establishment. If your product is registered, insert the Product Number.
2. **EPA Product Manager** - If known, fill in the name and PM number of the EPA Product Manager.
3. **Proposed Classification** - Specify the proposed classification of this product.
4. **Product Name** - Enter the complete product name of this pesticide as it will appear on the label. The name must be specific to this product only. Duplication of names is not permitted among products of the same company. Do not include any brand name or company line designations.
5. **Name and Address of Applicant** - The name of the firm or person and address shown in your application is the person or firm to whom the registration will be issued. If you are acting in behalf of another party, you must submit authorization from that party to act for them in registration matters. An applicant not residing in the United States must have an authorized agent residing in the United States to act for them in all registration matters. The name and complete mailing address of such an agent must accompany this application.
6. **Expedited Review** - FIFRA section 3 (c) 3 (B) provides for expedited review of applications for registration, or amendments to existing registrations that are similar or identical to other pesticide products that are currently registered with the EPA. In order for your application to be eligible for expedited review, you must provide us with the EPA Registration Number and product name of the product you believe is similar to or identical to your product. The product must be similar or identical in both formulation and labeled uses.

**SECTION II** - This section must be completed for all applications submitted to amend the registration only of a currently registered product (Amendment), for a resubmission in response to an Agency letter, for notifications to the Agency, for the submission of final printed labeling, for reregistration and for any other action that pertains to a specific EPA-registered product. This section is not to be used for a new application for registration.

1. **Subject of submission** - Check the applicable block and provide the Agency letter date if appropriate. Provide a brief explanation of the purpose(s) for the submission, such as "the addition of a site, pest or crop (specify)"; "amend the Confidential Statement of Formula by..."; "reregistration submission"; "general label revision of use directions." Attach a separate page if additional space is needed.

**SECTION III (Packaging and Container Information)** - This Section must be completed for all applications submitted in connection with new registration or applicable amendments.

1. **Type of Packaging** - Check the appropriate block if your product will be packaged in the indicated packaging types. Indicate the size of the individual packets and number per retail container.
2. **Type of Retail Container** - Indicate type of container in which product will be marketed.
3. **Location of Net Contents** - Indicate the location of the net contents information for your product.
4. **Size of Retail Container** - Specify the net contents of all retail containers for your product.
5. **Location of Use Directions** - Indicate the location of the use directions for your product.
6. **Method in which label is affixed to product** - Indicate the method product label is attached to retail container.

**SECTION IV (Contact Point)** - This Section must be completed for all applications for Registration actions, i.e., new products registration, resubmission, "me-too," reregistration, etc.

- 1-5. Self-explanatory.
6. EPA Use Only.

# JAN/SAN 911

HERBICIDE BY **Monsanto**

Keep out of reach of children.

## CAUTION!

Read the entire label before using this product. Use only according to label instructions. Read "LIMIT OF WARRANTY AND LIABILITY" before buying or using. If terms are not acceptable, return at once unopened. REFORMULATION OR REPACKAGING IS PROHIBITED.

### ACTIVE INGREDIENT:

Glyphosate, N-(phosphonomethyl)glycine, in the form of its isopropylamine salt	0.96%
INERT INGREDIENTS	99.04%
	100.00%

### PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

**CAUTION!** If swallowed, may cause gastrointestinal tract irritation. Wash thoroughly with soap and water after handling. Keep children and pets off treated area until spray is thoroughly dry. In case of an emergency involving this product, Call Collect, day or night (314) 694-4000.

### Environmental Hazards

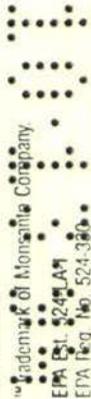
Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

### Physical or Chemical Hazards

Spray solutions of this product should be mixed, stored and applied only in stainless steel, aluminum, fiberglass, plastic and plastic-lined steel containers.

DO NOT MIX, STORE OR APPLY THIS PRODUCT OR SPRAY SOLUTIONS OF THIS PRODUCT IN GALVANIZED STEEL OR UNLINED STEEL (EXCEPT STAINLESS STEEL) CONTAINERS OR SPRAY TANKS. This product or spray solutions of this product react with such containers and tanks to produce hydrogen gas which may form a highly combustible gas mixture. This gas mixture could flash or explode, causing serious personal injury, if ignited by open flame, spark, welder's torch, lighted cigarette, or other ignition source.

This product is protected by U.S. Patent 4,405,531. Other patents pending. No license is granted under any non-U.S. patent(s).



© 1992

EPA Reg. No. 524-380  
EPA Reg. No. 524-380

MONSANTO COMPANY  
AGRICULTURAL PRODUCTS  
ST. LOUIS, MISSOURI 63167 U.S.A.

NET

GIAL  
GPL-0002.02

It is a violation of Federal law to use this product in any manner inconsistent with its labeling.

### DIRECTIONS FOR USE

#### Storage and Disposal

Do not contaminate water, foodstuffs, feed or seed by storage or disposal.

**STORAGE:** Store this product in its original container and in a secured storage area.

**DISPOSAL:** Wastes resulting from the use of this product that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticide disposal or in accordance with applicable Federal, state or local procedures.

Emptied container retains vapor and product residue. Observe all labeled safeguards until container is destroyed. Do not reuse container. Triple rinse container and dispose of in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

This product is a nonselective grass and weed killer which, when absorbed by contacted foliage, is carried throughout the stems and roots to give complete kill of tough annual and perennial grasses and broadleaf weeds. This product has no herbicidal activity in the soil and will not wash or leach to affect nearby vegetation. It is formulated for "spot" application to kill individual weeds around trees, shrubs, fences, walks and in flower gardens and lawns. Yellowing and wilting usually occur within one week with a complete kill in 2 to 4 weeks. For best results, apply to actively growing plants in warm sunny weather.

**HOW TO USE:** Adjust the nozzle to a coarse spray. Position sprayer tip approximately 1-2 feet from the weed and apply to completely cover the weed, stopping just before the spray begins to drip or run off. One application will control most listed weeds. If certain hard-to-control weeds are not completely killed within 4 weeks, repeat application. Treated areas in lawns can be reseeded 7 or more days after application.

**WEEDS CONTROLLED:** Bahiagrass, Barnyardgrass, Bermudagrass, Blackberries, Canada Thistle, Chickweed, Common Ragweed, Crabgrasses, Dandelion, Fescues, Field Bindweed, Field Sandbur, Foxtail, Johnsongrass, Kentucky Bluegrass, Lambsquarter, Orchardgrass, Perennial Ryegrass, Poison Ivy, Poison Oak, Quackgrass, Red Clover, Shepherds-purse, Smooth Bromegrass, Sowthistle, White Clover and Yellow Nutsedge.

**IMPORTANT:** This product is a nonselective weed killer which can injure or kill all vegetation contacted. **AVOID SPRAY CONTACT ON DESIRABLE PLANTS. APPLY ONLY WHEN THE AIR IS CALM.** If spray or drift accidentally contacts desirable vegetation, wash off immediately with water. Do not apply when rainfall is expected within 24 hours. Avoid mowing, cutting or otherwise disturbing treated vegetation for at least 7 days.

#### LIMIT OF WARRANTY AND LIABILITY

This Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes set forth in the Complete Directions for Use label booklet ("Directions") when used in accordance with those Directions under the conditions described therein. **NO OTHER EXPRESS WARRANTY OR IMPLIED WARRANTY OF FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY IS MADE.** This warranty is also subject to the conditions and limitations stated herein.

Buyer and all users are responsible for all loss or damage from use or handling which results from conditions beyond the control of this Company, including, but not limited to, incompatibility with products other than those set forth in the Directions, application to or contact with desirable vegetation, unusual weather, weather conditions which are outside the range considered normal at the application site and for the time period when the product is applied, as well as weather conditions which are outside the application ranges set forth in the Directions, application in any manner not explicitly set forth in the Directions, moisture conditions outside the moisture range specified in the Directions, or the presence of products other than those set forth in the Directions in or on the soil, crop or treated vegetation.

**THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE LIMIT OF THE LIABILITY OF THIS COMPANY OR ANY OTHER SELLER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT (INCLUDING CLAIMS BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY, OTHER TORT OR OTHERWISE) SHALL BE THE PURCHASE PRICE PAID BY THE USER OR BUYER FOR THE QUANTITY OF THIS PRODUCT INVOLVED, OR, AT THE ELECTION OF THIS COMPANY OR OTHER SELLER, THE REPLACEMENT OF SUCH QUANTITY, OR, IF NOT ACQUIRED BY PURCHASE, REPLACEMENT OF SUCH QUANTITY. IN NO EVENT SHALL THIS COMPANY OR ANY OTHER SELLER BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES.**

Buyer and all users are deemed to have accepted the terms of this LIMIT OF WARRANTY AND LIABILITY which may not be varied by any verbal or written agreement.

Requires  
No Mixing

# Roundup

READY-TO-USE

by Monsanto

## Grass & Weed Killer

- SYSTEMIC GRASS AND WEED KILLER FOR SPOT TREATMENT OF UNDESIRABLE VEGETATION
- KILLS LABELED WEEDS AND GRASS, ROOTS AND ALL
- DOES NOT HAVE SOIL ACTIVITY
- SUITABLE FOR USE AROUND FLOWER BEDS, TREES, SHRUBS, FENCES, WALKS AND SPOT TREATMENT IN LAWNS

Read the entire label before using this product. Use only according to label instructions.

NOTICE: Bayer assumes all responsibility for safety and is not in accordance with directions. If these terms are not acceptable, return at once unopened.

Keep out of reach of children.

### CAUTION!

See back panel for Precautionary Statements and Directions for Use.

EPA Reg. No. 524-330

MONSANTO COMPANY  
AGRICULTURAL PRODUCTS  
ST. LOUIS, MISSOURI 63167 U.S.A.

#### ACTIVE INGREDIENTS:

\*Glyphosate, N-(phosphonomethyl) glycine, in the form of its isopropylamine salt. . . . . 0.96%  
INERT INGREDIENTS . . . . . 99.04%  
100.00%

This product is protected by U.S. Patents No. 3,799,754, No. 4,405,537 and No. 4,340,850. Other patents pending. No license granted under any non-U.S. patents.

© Monsanto Company 1990

NET 24 fl. oz.  
(1 pt. 8 oz.)

897.09-000.26-1

#### PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Keep out of reach of children.

**CAUTION!** If swallowed, may cause gastrointestinal tract irritation. Wash thoroughly with soap and water after handling. Keep children and pets off treated area until spray is thoroughly dry. In case of an emergency involving this product, Call Collect, day or night, (314) 694-4000.

#### ENVIRONMENTAL HAZARDS

Do not apply directly to water or wetland (swamps, bogs, marshes or peatlands). Do not contaminate water when disposing of equipment washwaters.

#### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**Roundup® LAG Ready-To-Use** herbicide is a nonselective labeled grass and weed killer which, when absorbed by contacted foliage, is carried throughout the stems and roots to give complete kill of labeled tough annual and perennial grasses and broadleaf weeds. This product has no herbicidal activity in the soil and will not wash or leach to affect nearby vegetation. It is formulated for "spot" application to kill individual weeds around trees, shrubs, fences, patios, walks and in flower gardens and lawns. Yellowing and wilting usually occur within one week with a complete kill in 2 to 4 weeks. For best results, apply to actively growing plants in warm sunny weather.

**HOW TO USE:** Adjust the nozzle to a coarse spray. Position sprayer tip approximately 1-2 feet from the weed and apply to completely cover the weed, stopping just before the spray begins to drip or run off. One application will control most listed weeds. If certain hard-to-control weeds are not completely killed within 4 weeks, repeat application. Treated areas in lawns can be reseeded 7 or more days after application.

**WEEDS CONTROLLED:** Bahiagrass, Barnyardgrass, Bermudagrass, Blackberries, Canada Thistle, Chickweed, Common Ragweed, Crabgrasses, Dandelion, Fescues, Field Bindweed, Field Sandspur, Foxtail, Johnsongrass, Kentucky Bluegrass, Lamb-quarter, Orchardgrass, Perennial Ryegrass, Poison Ivy, Poison Oak, Quackgrass, Red Clover, Shepherdspurse, Smooth Bromegrass, Sorghimile, White Clover and Yellow Nutsedge.

**IMPORTANT:** This product is a nonselective weed killer which can injure or kill all vegetation contacted. AVOID SPRAY CONTACT ON DESIRABLE PLANTS. APPLY ONLY WHEN THE AIR IS CALM. If spray or drift accidentally contacts desirable vegetation, wash off immediately with water. Do not apply when rainfall is expected within 24 hours. Avoid mowing, cutting or otherwise disturbing treated vegetation for at least 7 days.

For more product information, call toll-free 1-800-225-2883.

#### STORAGE AND DISPOSAL

Do not contaminate water, foodstuffs, feed or seed by storage or disposal. **STORAGE:** USE AND STORE THIS PRODUCT ONLY IN ITS ORIGINAL CONTAINER. Store product in a secure storage area. Protect product from freezing.

**DISPOSAL:** To dispose of unused product, securely wrap original container in several layers of newspaper and discard in trash. In case of SPILL or LEAK, soak up with paper towels and discard in trash. Do not reuse container. Rinse thoroughly before discarding in trash.

EPA Est. 56100-LA-001  
897.09-000.26-2



897.09-000.26-1

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

Keep out of reach of children.

CAUTION! If swallowed, may cause gastrointestinal tract irritation. Wash thoroughly with soap and water after handling. Keep children and pets off treated area until spray is thoroughly dry. In case of an emergency involving this product, Call Collect, day or night, (314) 694-4000.

Environmental Hazards

Do not apply directly to water or wetland (swamps, bogs, marshes or potholes). Do not contaminate water when disposing of equipment washwaters.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Roundup® L&G Ready-To-Use herbicide is a nonselective grass and weed killer which, when absorbed by contacted foliage, is carried throughout the stems and roots to give complete kill of tough labeled annual and perennial grasses and broadleaf weeds. This product has no herbicidal activity in the soil and will not wash or leach to affect nearby vegetation. It is formulated for "spot" application to kill individual weeds around trees, shrubs, fences, patios, walks and in flower gardens and lawns. Yellowing and wilting usually occur within one week with a complete kill in 2 to 4 weeks. For best results, apply to actively growing plants in warm sunny weather.

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WEEDS CONTROLLED: Bahiagrass, Barnyardgrass, Bermudagrass, Blackberries, Canada Thistle, Chickweed, Common Ragweed, Crabgrass, Dandelion, Fescue, Field Bindweed, Field Sandbar, Foxtail, Johnsongrass, Kentucky Bluegrass, Lambsquarters, Orchardgrass, Perennial Ryegrass, Poison Ivy, Poison Oak, Quackgrass, Red Clover, Sheepsheadgrass, Smooth Bromegrass, Sowthistle, White Clover and Yellow Nutsedge.

IMPORTANT: This product is a nonselective weed killer which can injure or kill all vegetation contacted. AVOID SPRAY CONTACT ON DESIRABLE PLANTS. APPLY ONLY WHEN THE AIR IS CALM. If spray or drift accidentally contacts desirable vegetation, wash off immediately with water. Do not apply when rainfall is expected within 24 hours. Avoid mowing, cutting or otherwise disturbing treated vegetation for at least 7 days.

For more product information, call toll-free 1-800-225-2883.

Storage and Disposal

Do not contaminate water, foodstuffs, feed or seed by storage or disposal.

STORAGE: USE AND STORE THIS PRODUCT ONLY IN ITS ORIGINAL CONTAINER. Store product in a secure storage area. Protect product from freezing.

DISPOSAL: To dispose of unused product, securely wrap original container in several layers of newspaper and discard in trash. In case of SPILL or LEAK, soak up with paper towels and discard in trash.

Do not reuse container. Rinse thoroughly before discarding in trash.

This product is protected by U.S. Patents No. 3,790,756, No. 4,405,551, and No. 4,840,600. Other patents are pending. No license granted under any non-U.S. patent(s). MONTSANTO COMPANY AGRICULTURAL PRODUCTS ST. LOUIS, MO 63167 U.S.A.

897-09-000 27-2X2

EPA Est. 56100-LA-001-524-LA-1  
Superscript corresponds to the first letter of the lot number printed on bottom.



©MONTSANTO COMPANY 1990

# Roundup®

Requires No Mixing

READY-TO-USE



## Grass & Weed Killer

- SYSTEMIC GRASS AND WEED KILLER FOR SPOT TREATMENT OF UNDESIRABLE VEGETATION
- KILLS LABELED WEEDS AND GRASS, ROOTS AND ALL
- DOES NOT HAVE SOIL ACTIVITY
- SUITABLE FOR USE AROUND FLOWER BEDS, TREES, SHRUBS, FENCES, WALKS AND SPOT TREATMENT IN LAWNS

Read the entire label before using this product.

Use only according to label instructions.

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions. If these terms are not acceptable, return at once unopened.

ACTIVE INGREDIENTS:

\*Glyphosate, N-(phosphonomethyl) glycine, in the form of its isopropylamine salt

.....	0.96%
.....	99.04%
.....	100.00%

Keep out of reach of children.

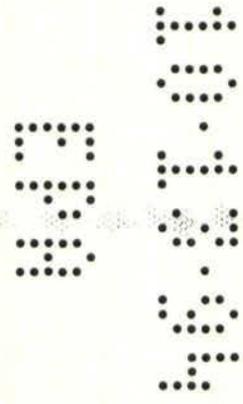
CAUTION! See back panel for Precautionary Statements and Directions for Use.

NET 64 fl. oz. (2 qts.)

EPA Reg. No. 524-330

897-09-000 27-1

• Trademark of Monsanto Company



APR 26 1995

Ms. Katherine R. Bateau  
The Solaris Group  
Monsanto Company  
P.O. Box 5006  
San Ramon, CA 94583-0906

Dear Ms. Bateau:

Subject: Roundup Ready-To-Use Weed & Grass Killer (Alternate Formula A)  
EPA Registration No. 524-330  
Your Application Dated March 6, 1995

The scientific review and evaluation of the alternate formula requested above, have been completed. Alternate Formula A is acceptable and our records have been modified accordingly.

Sincerely,

Robert J. Taylor  
Product Manager 25  
Fungicide-Herbicide Branch  
Registration Division (7505C)

CONCURRENCES

SYMBOL	7505C						
SURNAME	VicWattles						
DATE	4/24/95						

SUBMISSION REVIEW RECORD		REGISTRATION NUMBER			CYCLE 2			DATE RECEIVED		
3. ADDITIONAL PUBLICATION NECESSARY <input type="checkbox"/> YES <input type="checkbox"/> NO		4. PETITION NO. 524 - 330			0130			0695		
6. METHOD OF SUPPORT <input type="checkbox"/> 2A <input type="checkbox"/> 2B <input type="checkbox"/> 2C		7. PRODUCT MANAGER			NO.			8. PROJECTED RETURN		
9. DATE PULLED 4/17/95		10. DATE PUBLISHED			CODE			12. OUTGOING DATE		
11. ACTION TYPE <i>alternate formula A with provide additional survey of glyphosate 345</i>		REVIEWER CODE (Initials)			SIGNATURE OF REVIEWER			DATE REVIEW COMPLETED		
REV. SEQ. NO.	REVIEW TYPE CODE	REVIEW TYPE	REVIEWER CODE	SIGNATURE OF REVIEWER	COMMENT CODE	DATE REVIEW COMPLETED	NO.	DAY	YR	
	A	REVIEWABILITY TEAM								
	B	PRODUCT MANAGER TEAM EFFICACY REVIEW								
	C	PRODUCT MANAGER TEAM HUMAN SAFETY REVIEW								
	D	PRODUCT MANAGER TEAM ENVIRONMENTAL SAFETY REVIEW								
	E	PRODUCT MANAGER TEAM RESUBMISSION REVIEW								
	F	PRODUCT MANAGER		<i>UKW</i>						
	G	INTERAGENCY REFERRAL								
	H	COST-BENEFIT REVIEW								
	I	PUBLIC COMMENTS REVIEW								
	J	EEE BRANCH INSECTICIDE EFFICACY								
	K	EEE BRANCH HERBICIDE EFFICACY								
	L	EEE BRANCH FUNGICIDE EFFICACY								
	M	EEE BRANCH RODENTICIDE EFFICACY								
	N	EEE BRANCH DISINFECTANT EFFICACY								
	O	CHEMISTRY BRANCH RESIDUE CHEMISTRY								
	P	EEE BRANCH ENVIRONMENTAL CHEMISTRY								
	Q	TOXICOLOGY BRANCH HUMAN SAFETY								
	R	EEE BRANCH ENVIRONMENTAL SAFETY								
	S									
	T									
PRODUCT MANAGER SIGNATURE				TYPE OF RESPONSE				CODE		



United States  
Environmental Protection Agency  
Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number  
**213615**

**Application for Pesticide - Section I**

1. Company/Product Number <b>524-330</b>	2. EPA Product Manager <b>R. Taylor</b>	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) <b>Roundup Ready-to-Use + Weed + Grass Killer</b>	PM# <b>25</b>	
5. Name and Address of Applicant (Include ZIP Code) <b>The SOLARIS Group of MONSANTO COMPANY P.O. Box 5006 SAN RAMON, CA 94583-0906</b> <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

**Section - II**

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)

*To add an alternative formula AHA. which provides an additional source of glyphosate*

**Section - III**

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No			<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/>	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____		

**Section - IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)					
Name <b>KATHERINE A. BUTEAN</b>		Title <b>REGISTRATION SPECIALIST</b>		Telephone No. (include Area Code) <b>570-355-3335</b>	
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.					6. Date Application Received (Stamped) 
2. Signature <i>Katherine A Butean</i>		3. Title <b>REGISTRATION SPECIALIST</b>			
4. Typed Name <b>KATHERINE A. BUTEAN</b>		5. Date <b>March 6, 1995</b>			

## PAPERWORK REDUCTION ACT NOTICE and INSTRUCTIONS

**PAPERWORK REDUCTION ACT NOTICE:** Public reporting burden for this collection of information is estimated to average 0.85 hour per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Chief, Information Policy Branch, PH-223, U.S. Environmental Protection Agency, 401 M Street, SW, Washington, DC 20460; and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, DC 20503.

**INSTRUCTIONS:** This form is to be used for all applications for new registration, end use reregistration, amendment, resubmission, to applications for notifications, final printed labeling, reregistration, etc. In order to process an application for a new registration submitted on this form, the following material must accompany the application:

1. Certification with Respect to Citation of Data (EPA Form 8570-29). [If not exempted by 40 CFR 152.81 (b) (4)];
2. Confidential Statement of Formula (EPA Form 8570-4);
3. Formulator's Exemption Statement (EPA Form 8570-27);
4. Five copies of draft labeling;
5. Three copies of any data submitted;
6. Authorization letter where applicable;
7. Matrices where applicable.

**Submission of Labeling** - Labeling should first be submitted in the form of draft labels with all applications for new registration. Such draft labels may be in the form of typed label text on 8.5 x 11 inch paper or a mockup of the proposed label. If prepared as a mockup, it should be constructed in such a way as to facilitate storage in an 8.5 x 11 inch file. Mockup labels significantly smaller than 8.5 x 11 inches should be mounted on 8.5 x 11 inch paper for submission.  
**Submission of Data** - Data submitted in support of this application must be submitted in accordance with PR Notice 86-5.

**SPECIFIC INSTRUCTIONS:** Please read the instructions listed below before completing this application. First determine the type of registration action, listed in Block A, for which you are submitting this application. For applications submitted in connection with New Registration actions, Sections I, III, and IV must be completed by the applicant. For applications submitted in connection with amended registration actions, resubmissions, notifications, reregistrations, etc., Sections I, II, and IV must be completed by the applicant.

**Block A** - Check the appropriate action for which you are submitting this form.

**SECTION I** - This section must be completed, as applicable, for all registration actions.

1. **Company/Product Number** - Insert your Company Number, if one has been assigned by EPA. This number may have been assigned to you as a basic registrant, a distributor, or as an establishment. If your product is registered, insert the Product Number.
2. **EPA Product Manager** - If known, fill in the name and PW number of the EPA Product Manager.
3. **Proposed Classification** - Specify the proposed classification of this product.
4. **Product Name** - Enter the complete product name of this pesticide as it will appear on the label. The name must be specific to this product only. Duplication of names is not permitted among products of the same company. Do not include any brand name or company line designations.
5. **Name and Address of Applicant** - The name of the firm or person and address shown in your application is the person or firm to whom the registration will be issued. If you are acting in behalf of another party, you must submit authorization from that party to act for them in registration matters. An applicant not residing in the United States must have an authorized agent residing in the United States to act for them in all registration matters. The name and complete mailing address of such an agent must accompany this application.
6. **Expedited Review** - FIFRA section 3 (c) 3 (B) provides for expedited review of applications for registration, or amendments to existing registrations, that are similar or identical to other pesticide products that are currently registered with the EPA. In order for your application to be eligible for expedited review, you must provide us with the EPA Registration Number and product name of the product you believe is similar to or identical to your product. The product must be similar or identical in both formulation and labeled uses.

**SECTION II** - This section must be completed for all applications submitted to amend the registration only of a currently registered product (Amendment), for a resubmission in response to an Agency letter, for notifications to the Agency, for the submission of final printed labeling, for reregistration and for any other action that pertains to a specific EPA-registered product. This section is not to be used for a new application for registration.

1. **Subject of submission** - Check the applicable block and provide the Agency letter date if appropriate. Provide a brief explanation of the purpose(s) for the submission, such as "the addition of a site, pest or crop (specify)"; "amend the Confidential Statement of Formula by..."; "reregistration submission"; general label revision of use directions." Attach a separate page if additional space is needed.

**SECTION III (Packaging and Container Information)** - This Section must be completed for all applications submitted in connection with new registration or applicable amendments.

1. **Type of Packaging** - Check the appropriate block if your product will be packaged in the indicated packaging types. Indicate the size of the individual packets and number per retail container.
2. **Type of Retail Container** - Indicate type of container in which product will be marketed.
3. **Location of Net Contents** - Specify the net contents of all retail containers for your product.
4. **Size(s) of Retail Containers** - Specify the net contents of all retail containers for your product.
5. **Location of Use Directions** - Indicate the location of the use directions for your product.
6. **Manner in which label is affixed to product** - Indicate the method product label is attached to retail container.

**SECTION IV (Contact Point)** - This Section must be completed for all applications for Registration actions, i.e., new products, registration, resubmission, "me-too," reregistration, etc.

- 1-5. Self-explanatory.
6. EPA Use Only.

JUL 14 1997

Mr. Stephen J. Wratten  
Monsanto Company  
700 14th Street, N.W. Suite #1100  
Washington, DC 20005

Dear Mr. Wratten:

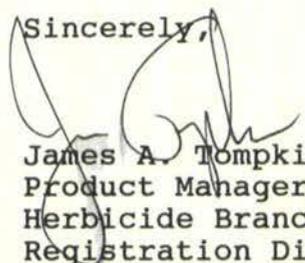
Subject: Roundup L & G Ready-To-Use Grass and Weed Killer  
(Reregistration)  
EPA Registration No. 524-330  
Your Letter Dated October 10, 1994

The scientific review and evaluation of the reregistration package submitted above have been completed. The following are our comments.

1. The product chemistry data submitted is acceptable.
2. The acute toxicology data submitted is acceptable. All studies place this product in Category IV. This product is not a dermal sensitizer.
3. The appropriate signal word is "CAUTION".

To complete the requirements for reregistration submit five (5) copies of current labeling for stamping. Notify the Agency within 30 days from the date of this letter when requested labels will be submitted.

Sincerely,

  
James A. Tompkins *ufw*  
Product Manager 25  
Herbicide Branch  
Registration Division (7505C)

DP BARCODE: D214269

CASE: 016763  
SUBMISSION: S475332

DATA PACKAGE RECORD  
BEAN SHEET

DATE: 04/13/95  
Page 1 of 1

\* \* \* CASE/SUBMISSION INFORMATION \* \* \*

CASE TYPE: REGISTRATION ACTION: 674 8 MNTH RESP-PROD SPC DATA  
CHEMICALS: 103601 Glyphosate, isopropylamine salt 00.9600%

ID#: 000524-00330 SHACKLE  
COMPANY: 000524 MONSANTO AGRICULTURAL CO  
PRODUCT MANAGER: 25 ROBERT TAYLOR 703-305-6800 ROOM: CM2 241  
PM TEAM REVIEWER: EMILY MITCHELL 703-308-8583 ROOM: CS1 1L3  
RECEIVED DATE: 10/13/94 DUE OUT DATE: 04/11/95

\* \* \* DATA PACKAGE INFORMATION \* \* \*

DP BARCODE: 214269 EXPEDITE: N DATE SENT: 04/13/95 DATE RET.: / /  
CHEMICAL: 103601 Glyphosate, isopropylamine salt  
DP TYPE: 001 Submission Related Data Package  
CSF: Y LABEL: Y

ASSIGNED TO	DATE	IN	DATE	OUT	ADMIN DUE DATE: 07/12/95
DIV : RD	/	/	/	/	NEGOT DATE: / /
BRAN: FHB	/	/	/	/	PROJ DATE: / /
SECT: PMT-25	/	/	/	/	
REVR :	/	/	/	/	
CONTR:	/	/	/	/	

\* \* \* DATA REVIEW INSTRUCTIONS \* \* \*

ATTN: Robert Taylor  
Attached is a complete package for reregistration of product 524-330.  
Inclusive:  
-Correspondences/Administrative (Registrant's submissions required by RED)  
-Acute Toxicity Reviews  
-Product Chemistry Reviews

\* \* \* DATA PACKAGE EVALUATION \* \* \*

No evaluation is written for this data package

\* \* \* ADDITIONAL DATA PACKAGES FOR THIS SUBMISSION \* \* \*

DP BC	BRANCH/SECTION	DATE OUT	DUE BACK	INS	CSF	LABEL
209477	RSB/PCRS	11/17/94	02/15/95	Y	Y	Y
209478	RSB/PRS	11/17/94	02/15/95	Y	Y	Y
211758	RSB/PRS	02/07/95	05/08/95	Y	Y	Y



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

13 copies

Received MAY 16 1996  
Mailed To Sheila Schutte  
Date MAY 16 1996  
By Russ Schneider

MAY 13 1996

Mr. Robert W. Street  
Monsanto Company  
Suite 1100  
700 14th Street, N.W.  
Wash., D.C. 20005

File glyphosate RED

Dear Mr. Street:

The Agency has reviewed the product chemistry and precautionary labeling data submitted to support reregistration of the following products:

- MON-0139 Technical Solution EPA Reg. No. 524-318
- Protocol Herbicide EPA Reg. No. 524-326
- Roundup L&G RTU Grass & Weed Killer EPA Reg. No. 524-330 ✓
- MON 0139 62% Solution EPA Reg. No. 524-333
- RODEO Aquatic Herbicide EPA Reg. No. 524-343
- Polado L EPA Reg. No. 524-350
- Ranger Herbicide EPA Reg. No. 524-382
- Shackle Herbicide EPA Reg. No. 524-339
- Fallow Master Herbicide EPA Reg. No. 524-390
- Glyphosate Technical EPA Reg. No. 524-421
- Roundup Herbicide EPA Reg. No. 524-445
- Expedite Grass & Weed Plus Residual Herbicide EPA Reg. No. 524-449
- Expedite Grass & Weed II Herbicide EPA Reg.No. 524-450
- Roundup L&G RTU Fast ACTG Form Grass & Weed Killer  
EPA Reg. No. 524-451
- Roundup Quik Stik Grass & Weed Killer EPA Reg. No. 524-452

Copies of the reviews are enclosed for your records.

If you have any questions regarding this matter please contact Karen P. Hicks at (703) 305-7037.

Sincerely,

James A. Tompkins, Deputy  
Fungicide-Herbicide Branch  
Registration Division (7505C)

DATE OUT: DEC 21 1994

SUBJECT: PRODUCT CHEMISTRY REVIEW OF: MP [ ] EP [X]  
DP BARCODE No.: 209477 REG./File Symbol No.: 524-330  
PRODUCT NAME: Roundup L&G Ready-to-Use Grass & Weed Killer

TO: 25 Robert Taylor/Emily Mitchell  
Fungicide-Herbicide Branch  
Registration Division (H7505C)

FROM: Sami Malak, Chemist *Sami Malak*  
Product Chemistry Review Section  
Registration Support Branch/RD (H7505W)

THRU: Harold Podall, Section Head *HP 12/22/94*  
Product Chemistry Review Section

**SUMMARY OF FINDINGS:**

1. A Reregistration Eligibility Document (RED) for Glyphosate, Case #0178, was published during September, 1993. Generic data requirements was determined to be substantially complete.
2. The submitted product chemistry data for this end-use product, Roundup L&G Ready-to-Use Grass & Weed Killer, Reg. No. 524-330, is adequate.
3. The submitted label for this end-use product, Roundup L&G Ready-to-Use Grass & Weed Killer, Reg. No. 524-330, EPA received 10/13/94, is acceptable.
4. The submitted CSF for this end-use product, Roundup L&G Ready-to-Use Grass & Weed Killer, Reg. No. 524-330, EPA received 10/13/94, dated 8/12/93, is acceptable.

**RECOMMENDATIONS:**

We recommend for reregistration of this end-use product, Roundup L&G Ready-to-Use Grass & Weed Killer, Reg. No. 524-330.

PRODUCT CHEMISTRY REVIEW OF: MP [ ] EP [X]  
 DP BARCODE No.: 209477 REG./File Symbol No.: 524-330  
 PRODUCT NAME: Roundup L&G Ready-to-Use Grass & Weed Killer

1. Reviewer: Sami Malak 2. Company: Monsanto Agricultural Company
3. Type of Submission: Registration [ ] Reregistration [X]  
 New [ ] Resubmission [ ] Amendment [ ] "ME-TOO" [ ]  
 Alternate Formulation [ ] Experimental Use Permit [ ]  
 Other (Specify) \_\_\_\_\_
4. If "Me-TOO" Registration, this product is [ ] is not [ ]  
 similar or substantially similar to EPA's Reg. No.: \_\_\_\_\_
- If not, comment in Confidential Appendix A on the differences  
 between the registered and the new source where significant.

#### CONFIDENTIAL STATEMENT OF FORMULA

5. Type of formulation and the sources of active ingredients:
- Non-integrated formulation system..... [X]
  - Are all technical grade active ingredients used registered?  
 • yes [X] • no [ ], If no, specify \_\_\_\_\_
  - Integrated formulation system..... [ ]
6. Clearance of intentionally added ingredients in the  
 formulation for the intended use (indicate in the Confidential  
 Appendix those that are not cleared; the PC Codes should be  
 provided by the chemist on the CSF for those that are  
 cleared):
- 6(a) Formulation intended for food use under 40CFR§180.1001:  
 • yes [ ] • no [ ] • Some are cleared, others are not [ ]  
 Cleared under list: • c [ ] • d [ ] • e [ ]  
 Are there any limitations for use as an inert under 40CFR§180.  
 1001?  
 • yes [ ] • no [ ], If yes, specify \_\_\_\_\_
- 6(b) Formulation intended for non-food use:  
 • yes [X] • no [ ] • Some are cleared, others are not [ ]
- 6(c) Clearance by the FDA of certain formulations under 21CFR§170  
 to 199. Examples: (a) indirect food additives, such as food  
 contact surface sanitizers; adhesives; coatings; paper and  
 paperboard products that may contact food in packaging or  
 holding; and (b) substances generally recognized as safe  
 (GRAS).  
 • yes [ ] • no [ ] • Some are cleared, others are not [ ]

If yes, the entire formulation is cleared under 21CFR§\_\_\_\_\_.

7. The density, pH, and flammability values given on the CSF are identical with those of GRN 63-7, 63-12, and 63-15, respectively:      • yes [X]      • no [ ]
8. The nominal concentrations (NC) of the active ingredients and the upper and lower certified limits (UCL & LCL) are as follows:

Active ingredient(s)	% by weight		
	NC	UCL	LCL
Glyphosate: N-Phosphonomethylglycine, isopropylamine salt, 62%.....	0.96	1.06	0.87

9. The calculated NCs, based on the pure active ingredients (PAI), are identical to those on the label:  
     • yes [X]      • no [ ]
10. The certified limits are within the standard limits as per 40CFR§158.175 or are adequately explained if different:  
     • yes [X]      • no [ ]

---

**PRODUCT LABEL**

11. The chemical names of the active ingredients on the label are identical to those on the CSF:      • yes [X]      • no [ ]
12. The appropriate physical and chemical hazards statement regarding flammability or explosive characteristics of the product are given on the label:  
     • yes [X]      • no [ ]      • not applicable [ ]
13. The storage and disposal instructions for the pesticide and container are in compliance with PR Notice 84-1 for household use products or PR Notice 83-3 for all other uses:  
     • yes [X]      • no [ ]

PRODUCT CHEMISTRY DATA (SERIES 61, 62, 63)

<u>14. Chemical IDs/Manufacture/ Analytical Information</u>		<u>Data Required Fulfilled</u>	<u>MRID No.</u>	
61-1	Chemical Identity	Y	404273-01	
61-2	Starting Materials & Manufact or Formulation Process	Y	404273-01	
61-3	Discussion of Impurities	Y	404273-01	
62-1	Preliminary Analysis	Y	404273-02	
62-2	Certified Limits	Y	404273-02	
62-3	Enforcement Method	Y	404273-02	
<u>15. Physical/Chemical Properties</u>		<u>Data Required Fulfilled</u>	<u>Value or Qualitat. Descrip.</u>	<u>MRID No.</u>
63-3	Physical State	Y	Liquid	404273-03
63-7	Density/Bulk Density	Y	8.4 lbs/gal	404273-03
63-12	pH of Product	Y	4.9	404273-03
63-14	Oxid/Red Action	Y	None	404273-03
63-15a	Flammability-Flash Point (°F or °C)	Y	>200°F	404273-03
63-15b	Flame Extension	Y	None	404273-03
63-16	Explodability	Y	None	404273-03
63-17	Storage Stability	Y	Stable	413956-05
63-18	Viscosity	Y	1.58 cps	404273-03
63-19	Miscibility (With Hydrocarbon solvents)	NA		
63-20	Corrosion Characteristics	Y	None	404273-03
63-21	Dielectric Breakdown Voltage	NA		

Explanations: Y = The Requirements Were Fulfilled; N = The Requirements Were Not Fulfilled; NA = Not Applicable; G = Data Gap; U = Requires Upgrading; I = Incomplete or In Progress; W = Waived.

NOTE TO REVIEWERS: Refer to the instructions for the proper description, e. g., 63-3: emulsifiable concentrate.

cc: Sami Malak and Central File (Reg. No. 524-330)

H7505W:RD:RSB:PCRS:CS-1:Rm650:Sami Malak:s.m.:12/21/94:703-308-8392:524-330.

DP BARCODE: D209477

CASE: 016763  
SUBMISSION: S475332

DATA PACKAGE RECORD  
BEAN SHEET

DATE: 11/17/94  
Page 1 of 1

\* \* \* CASE/SUBMISSION INFORMATION \* \* \*

CASE TYPE: REGISTRATION ACTION: 674 8 MNTH RESP-PROD SPC DATA  
CHEMICALS: 103601 Glyphosate, isopropylamine salt 00.9600%

ID#: 000524-00330 SHACKLE  
COMPANY: 000524 MONSANTO AGRICULTURAL CO  
PRODUCT MANAGER: 25 ROBERT TAYLOR 703-305-6800 ROOM: CM2 241  
PM TEAM REVIEWER: EMILY MITCHELL 703-308-8583 ROOM: CS1 1L3  
RECEIVED DATE: 10/13/94 DUE OUT DATE: 04/11/95

\* \* \* DATA PACKAGE INFORMATION \* \* \*

DP BARCODE: 209477 EXPEDITE: N DATE SENT: 11/17/94 DATE RET.: / /  
CHEMICAL: 103601 Glyphosate, isopropylamine salt  
DP TYPE: 001 Submission Related Data Package  
CSF: Y LABEL: Y

ASSIGNED TO	DATE IN	DATE OUT	ADMIN DUE DATE: 02/15/95
DIV : RD	/ /	/ /	NEGOT DATE: / /
BRAN: RSB	/ /	/ /	PROJ DATE: / /
SECT:	/ /	/ /	
REVR :	/ /	/ /	
CONTR:	/ /	/ /	

\* \* \* DATA REVIEW INSTRUCTIONS \* \* \*

Please review 8 month response for the product chemistry.  
Data attached: Series 61, 62 & 63.  
MRID #'s (40427301-40427303 & 41395605)

\* \* \* DATA PACKAGE EVALUATION \* \* \*

No evaluation is written for this data package

\* \* \* ADDITIONAL DATA PACKAGES FOR THIS SUBMISSION \* \* \*

DP BC	BRANCH/SECTION	DATE OUT	DUE BACK	INS	CSF	LABEL
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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

MEMORANDUM

Subject: EPA Reg. No.: 524-330

From: Mark J. Perry, Biologist  
Precautionary Review Section  
Registration Support Branch  
Registration Division (7505W)

MJP  
4-12-95

To: Robert Taylor, PM-25 / E. Mitchell  
Registration Division (7505C)

Applicant: Monsanto Company  
Suite 1100  
700 14th Street, N.W.  
Washington, DC 20005

FORMULATION FROM LABEL:

	<u>% by wt.</u>
<u>Active Ingredient(s):</u> Glyphosate, N-(phosphono- methyl)glycine, in the form of its isopropylamine salt .....	0.96
<u>Inert Ingredient(s):</u> .....	99.04
Total:	100%



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## BACKGROUND

Monsanto has submitted acute oral, acute dermal, acute inhalation, eye irritation, dermal irritation and dermal sensitization studies in response to the glyphosate RED. The subject product, EPA reg. No. 524-330, is a liquid herbicide which contains glyphosate at 0.96%, and has been placed in batch 1 of the RED. The six studies were performed by Bio/dynamics and Monsanto Laboratories and have been assigned MRID numbers are 413956-01 through 413956-04, 401894-01 and 402486-01.

## RECOMMENDATION:

The acute inhalation and dermal sensitization studies were previously reviewed by PRS. Results obtained in these studies are still considered valid.

1. Acute Oral; Category IV / Acceptable
2. Acute Dermal; Category IV / Acceptable
3. Acute Inhalation; Category IV / Acceptable

Although this study is acceptable, one deficiency involving the particle size analysis was observed. The particle size was tested only one time during the exposure period. An acute inhalation study should employ at least two particle size determinations for each concentration tested. This degree of sampling is requested to demonstrate the consistency of the generating system.

4. Eye Irritation; Category IV / Acceptable
5. Dermal Irritation; Category IV / Acceptable
6. Dermal Sensitization; Non-sensitizer / Acceptable

## LABELING

1. The appropriate signal word is "caution."

3

DATA REVIEW FOR ACUTE ORAL TOXICITY TESTING (81-1)

Product Manager:25  
 MRID No.:413956-01  
 Testing Facility:Bio/dynamics  
 Author(s):D. Blaszak  
 Species:Rat

Reviewer:M. Perry  
 Report Date:5/20/87  
 Report No.:BD-87-4/4033-86

Age:Young adult  
 Weight:221-287 g  
 Source:Charles River  
 Test Material:Roundup L&G Ready-To-Use  
 Quality Assurance (40 CFR 160.12):Present

Conclusion:

1. LD<sub>50</sub> (mg/kg): Males= --  
 Females= --  
 Combined 5000 mg/kg
2. The estimated LD<sub>50</sub> is 5000 mg/kg
3. Tox. Category: IV Classification: Acceptable

Deviations from 81-1: None

Results:

Dosage mg/kg	(Number Killed/Number Tested)		
	Males	Females	Combined
5000	0/5	0/5	0/10

Symptoms & Gross Necropsy Findings: Fecal staining, wet rales and decreased food consumption were noted in some animals during the observation period. No test material related abnormalities were reported upon necropsy.

4.

DATA REVIEW FOR ACUTE DERMAL TOXICITY TESTING (81-2)

Product Manager:25  
 MRID No.:413956-02  
 Testing Laboratory:Bio/dynamics  
 Author(s):D. Blaszak  
 Species:Rabbit  
 Weight:2.0 - 3.0 kg  
 Source:Summit View Farms  
 Test Material:Roundup L&G Ready-To-Use  
 Quality Assurance (40 CFR 160.12):Present

Reviewer:M. Perry  
 Report Date:5/20/87  
 Report No.:BD-87-4/4034-86

Summary:

1. LC<sub>50</sub> (mg/kg): Males= --  
 Females= --  
 Combined 5000 mg/kg
2. The estimated LD<sub>50</sub> is 5000 mg/kg
3. Tox. Category: IV Classification:Acceptable

Deviation From 81-2: None

Results:

Reported Mortality

DOSAGE mg/kg	(NUMBER KILLED/NUMBER TESTED)		
	Males	Females	Combined
5000	0/5	0/5	0/10

Symptoms & Gross Necropsy Findings: One animal exhibited minor symptoms from day six to day nine of the study. No significant abnormalities were noted upon necropsy.

5.

DATA REVIEW FOR ACUTE EYE IRRITATION TESTING (81-4)

Product Manager:25  
 MRID No.:413956-03  
 Testing Laboratory: Bio/dynamics  
 Author(s):D. Blaszak  
 Species:Rabbit  
 Sex:4 female, 2 male  
 Weight:not provided  
 Source:Summit View Farms  
 Dosage:0.1 ml  
 Test Material: Roundup L&G Ready-To-Use  
 Quality Assurance (40 CFR 160.12): Present

Reviewer:M. Perry  
 Report Date:5/20/87  
 Report No.:5BD-87-4/4036-86

Summary:

1. Toxicity Category: IV
2. Classification: Acceptable

Deviations From 81-4: None

Results:

Observations	(number "positive"/number tested)							
	Hour	Days						
	1	1	2	3	4	7	14	21
Cornea Opacity	1/6	0/6	0/6	0/6				
Iris	4/6	0/6	0/6	0/6				
Conjunctivae								
Redness	1/6	0/6	0/6	0/6				
Chemosis	1/6	0/6	0/6	0/6				
Discharge								

Comments: All "positive" responses cleared by 24 hours.

DATA REVIEW FOR SKIN IRRITATION TESTING (81-5)

Product Manager:25

Reviewer:M. Perry

MRID No.:413956-04

Report Date:5/20/87

Testing Laboratory:Bio/dynamics

Report No.:BD-87-4/4035-86

Author(s):D. Blaszak

Species:Rabbit

Age:Young adult

Sex:2 male, 4 female

Weight:--

Dosage:0.5 ml

Test Material: Roundup L&G Ready-To-Use

Quality Assurance (40 CFR 160.12):Present

Summary:

1. The Primary Irritation Index= --
2. Toxicity Category: IV
3. Classification: Acceptable

Deviations From 81-5: None

Results: No irritation was present by the 72 hour evaluation period.

ACUTE TOX ONE-LINER

1. PC CODE: 103601
2. CURRENT DATE: 4/12/95
3. TEST MATERIAL: Glyphosate 0.96%

Study/Species/Lab/ Study#/Date	MRID No.	Results	Tox. Cat.	Core Grade
81-1, Rat, Bio/ dynamics, 4033-86, 5/20/87	413956-01	LD50 > 5000 mg/kg	IV	A
81-2, Rabbit, Bio/ dynamics, 4034-86, 5/20/87	413956-02	LD50 > 5000 mg/kg	IV	A
81-4, Rabbit, Bio/ dynamics, 4036-86, 5/20/87	413956-03	All irritation cleared by 24 hours	IV	A
81-5, Rabbit, Bio/ dynamics, 4035-86, 5/20/87	413956-04	No irritation present at 72 hours	IV	A

Core Grade Key:

- A = Acceptable
- S = Supplementary
- u = Unacceptable

DP BARCODE: D209478

CASE: 016763  
SUBMISSION: S475332

DATA PACKAGE RECORD  
BEAN SHEET

DATE: 11/17/94  
Page 1 of 1

\* \* \* CASE/SUBMISSION INFORMATION \* \* \*

CASE TYPE: REGISTRATION      ACTION: 674 8 MNTH RESP-PROD SPC DATA  
CHEMICALS: 103601 Glyphosate, isopropylamine salt      00.9600%

ID#: 000524-00330      SHACKLE  
COMPANY: 000524 MONSANTO AGRICULTURAL CO  
PRODUCT MANAGER: 25 ROBERT TAYLOR      703-305-6800      ROOM: CM2      241  
PM TEAM REVIEWER: EMILY MITCHELL      703-308-8583      ROOM: CS1      1L3  
RECEIVED DATE: 10/13/94      DUE OUT DATE: 04/11/95

\* \* \* DATA PACKAGE INFORMATION \* \* \*

DP BARCODE: 209478      EXPEDITE: N      DATE SENT: 11/17/94      DATE RET.: / /  
CHEMICAL: 103601 Glyphosate, isopropylamine salt  
DP TYPE: 001 Submission Related Data Package  
CSF: Y      LABEL: Y

ASSIGNED TO	DATE	IN	DATE	OUT	ADMIN DUE DATE: 02/15/95
DIV : RD	/	/	/	/	NEGOT DATE: / /
BRAN: RSB	/	/	/	/	PROJ DATE: / /
SECT:	/	/	/	/	
REVR :	/	/	/	/	
CONTR:	/	/	/	/	

\* \* \* DATA REVIEW INSTRUCTIONS \* \* \*

ATTN: Tina Levine  
Please review 8 month response for acute toxicity studies.  
Data attached: Series 81-1-81-6 (MRID #'s 41395601-41395605)

\* \* \* DATA PACKAGE EVALUATION \* \* \*

No evaluation is written for this data package

\* \* \* ADDITIONAL DATA PACKAGES FOR THIS SUBMISSION \* \* \*

DP BC	BRANCH/SECTION	DATE OUT	DUE BACK	INS	CSF	LABEL
209477	RSB	11/17/94	02/15/95	Y	Y	Y



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

*Handwritten:* Newb  
40246604

*Handwritten:* 1/25/95

MEMORANDUM

SUBJECT: RSB/PRS Screening of Incoming Submissions  
EPA Reg. No./File Symbol 524-330  
DP Barcode 1209478

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

FROM: Tina Levine, Ph.D., Head  
Precautionary Review Section  
Registration Support Branch  
Registration Division (7505C)

*Handwritten signature:* Tina E. Levine

TO: BOB TAYLOR, PM Team No. 2  
Registration Division (H7505C)

In accordance with the 8/3/92 memoranda from Anne Lindsay concerning the implementation of recommendations for the Fast Track Review Process which included, among other things, criteria for screening of submissions to the Precautionary Review Section, this submission is being returned because the following information was not included:

- ✓ 1. Bean Sheet: Does not account for all six acute tox studies: Acute Oral \_\_\_; Acute Dermal \_\_\_; Acute Inhalation ✓; Primary Eye Irritation \_\_\_; Primary Skin Irritation \_\_\_; Dermal Sensitization \_\_\_; Other \_\_\_;
2. Label for product under review: proposed label \_\_\_; current label \_\_\_ (to be included when registrant proposes an amendment to the precautionary labeling).
3. Label(s) for referenced products: \_\_\_.
4. CSF for product under review: proposed CSF \_\_\_; current CSF \_\_\_ (to be included when registrant proposes a change in the CSF).
5. CSF(s) for referenced products: \_\_\_.
6. Test material not identified: \_\_\_. Comment: \_\_\_\_\_

---

7. Previously submitted data: \_\_\_ (PM team member should determine if data has been previously reviewed & identify product tested. If review is located, PM team member can rely on that review. If determination of similarity is needed, submit products to Similarity Clinic. If review cannot be located, team member may submit data to PRS for review).

NOTE: Submissions which fail the PRS screen must be FLAGGED when resubmitted and must contain a new bean sheet with a NEW DATA PACKAGE BARCODE NUMBER.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF  
PESTICIDES AND TOXIC SUBSTANCES

MEMORANDUM

JUL 27 1987

SUBJECT: EPA Registration No. 524-330  
Shackle

FROM: Deloris F. Graham  
Technical Support Section  
Fungicide-Herbicide Branch  
Registration Division (TS-767C)

E 7/31/87

TO: Robert J. Taylor, PM 25  
Fungicide-Herbicide Branch  
Registration Division (TS-767C)

APPLICANT: Monsanto Company  
1101 17th Street NW.  
Washington, DC 20036

ACTIVE INGREDIENTS:

Isopropylamine salt of glyphosate . . . . . 0.96%

INERT INGREDIENTS: . . . . . 99.04%

BACKGROUND:

Submitted Dermal Sensitization Study to support conditional registration of this product. Study conducted by Bio/dynamics, Inc. Data under EPA MRID No. 401894-01. Method of support not indicated.

RECOMMENDATION:

FHB/TSS finds this study acceptable to support conditional registration of this product. The data indicated that this product is not a skin sensitizer.

LABEL:

In regard to dermal sensitization hazard, no precautionary labeling is required.

REVIEW:

- (1) Dermal Sensitization Study: Bio/dynamics, Inc.; Study No. B/d No. 4037-86; March 25, 1987; EPA MRID No. 401894-01.

PROCEDURE:

Using the closed patch method, five male and five female guinea pigs each received three (one per week) 0.3 ml applications of undiluted test material during induction. Two weeks after the final induction phase application, a challenge dose was applied to the test group and to a naive control (five male and five female untreated guinea pigs) group. Observations were made at 24 and 48 hours after each application. Historical data reported on positive control, dinitrochlorobenzene.

RESULTS:

No irritation was reported during the induction of the test group or at the challenge of the test group and naive control group. Therefore, it is concluded that a sensitization response was not produced.

STUDY CLASSIFICATION: Core Guideline Data.

TOXICITY CATEGORY: Nonsensitizing.

524-330

Ref #	action code		App date
1	400	acute toxicology studies	9/24/82
2	400	acute eye irritation study	4/16/83
3	345	A.H. Formula	9-30-86
4	400	Acute Dermal Toxicity	10/9/86
5	300	New Brand Name Labels	10/28/86
6	400	Dermal Sensitization Study	4/2/87
7	400	Acute Inhalation Study	5/27/87

The SOLARIS Group of Monsanto Co.  
P. O. Box 5006  
San Ramon, Calif. 94583-0906

Submitted To Support The Registration of  
ROUNDUP® Ready-to-Use Weed & Grass Killer  
EPA Reg. No. 524-330

TITLE

CERTIFICATION STATEMENT

I hereby certify that, for purposes of FIFRA, sec. 12(a)(1)(C), the description of the composition of ROUNDUP® Ready-to-Use Weed & Grass Killer, EPA Reg. No. 524-330, refers to the composition set forth on the Statement of Formula and supporting materials. This description includes the representations that:

1. no ingredient will be present in the product in an amount greater than upper certified limit or in an amount less than the lower certified limit (if required) specified for that ingredient in a currently approved Statement of Formula (or as calculated by the Agency); and,
2. if the Agency requires that the source of supply of an ingredient be specified, that all quantities of such ingredient will be obtained from the source specified in the Statement of Formula.

Company: The SOLARIS Group of Monsanto Co.

Company Agent: James Namnath

Title: Manager, Product Chemistry

Date:

Feb 6, 1995  
*James Namnath*

Signature:

